Altech Corp.®

Certified System™
ISO 9001
QMI-SAI Global

Serving the Automation & Control Industry since 1984

DIN Rail and Panel Mount
Terminal Blocks

Altech Corp.®

Since 1984, Altech Corporation has grown to become a leading supplier of automation and industrial control components. Headquartered in Flemington, NJ, Altech has an experienced staff of engineering, manufacturing and sales personnel to provide the highest quality products with superior service. This is the Altech Commitment!

With experienced Product Engineers and Customer Service personnel, Altech provides solutions to your most pressing application challenges. All with one thought in mind - to ensure that we solve your problem the first time!

Altech's Commitment

Altech's Automation and Control components meet applicable national and international standards, such as UL, NEC, CSA, IEC and VDE. Altech provides these products with superior customer service and delivery through a ISO 9001 Quality Management system, which stresses continuous process improvement. We perform these services with honesty and integrity. All Altech employees are trained in this Quality Management System and are dedicated to achieve these goals. Altech's quality system has been ISO approved since 1999.

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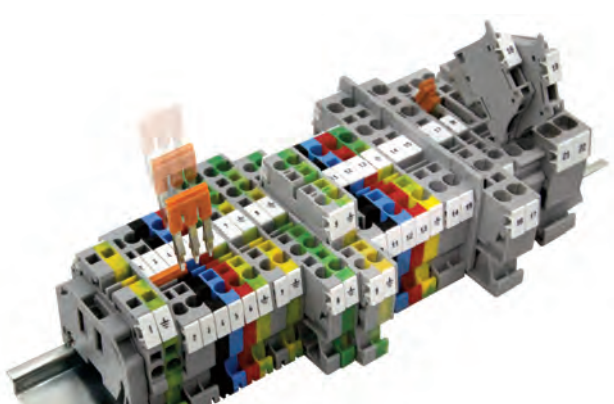

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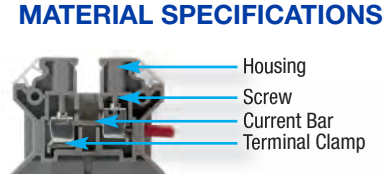
SCREW CLAMP CONNECTION TECHNOLOGY

- Maximum wiring efficiency and reliability
- Supplied with open clamps ready to accept wires
- No wire preparation necessary (with/ without ferrule)
- Vibration resistant/ Gas-tight connection
- For very larger wire sizes (up to 250 kcmil)
- Designed for most stringent requirements
- Simple connection with standard flat head screwdriver

E220514 60947-7-1

MATERIAL SPECIFICATIONS



Current Carrying Metal
Corrosion free material

- Clamp: zinc chromate passivated steel
- Screw: zinc chromate passivated steel
- Current Bar: nickel plated copper alloy / tin plated copper

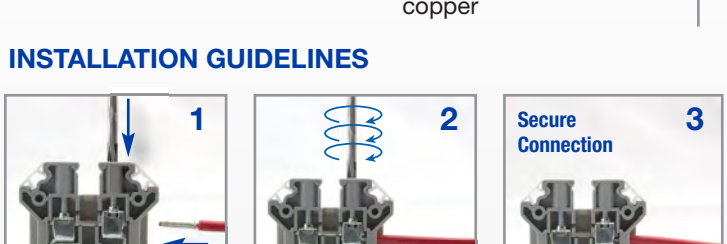
Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit:	105°C
Lower Temperature Limit:	-50°C
Flammability UL94:	V2/ V0
Volume Resistivity:	10^{12} Ω cm
Surface Resistivity:	10^{10} Ω

INSTALLATION GUIDELINES

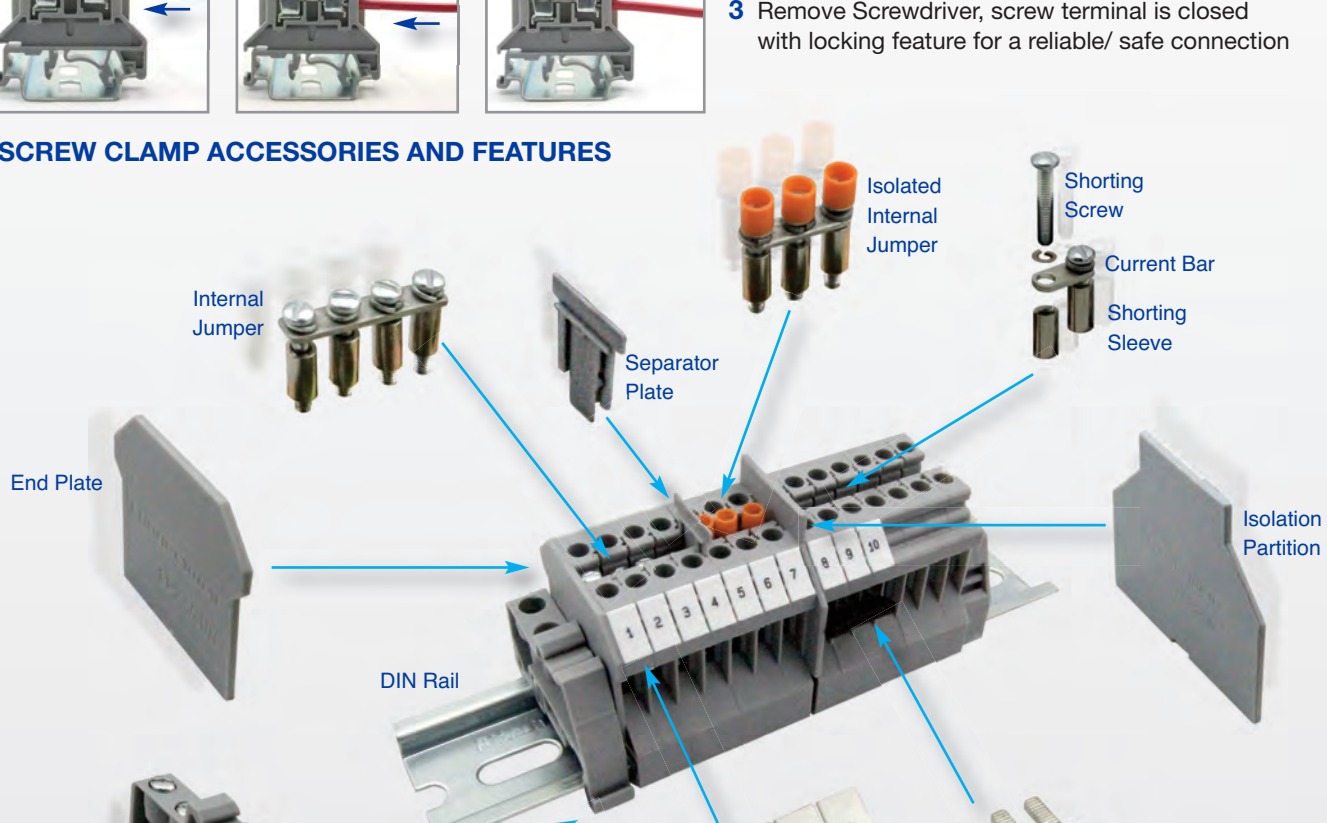


1 Insert Wire into open clamp

2 Tighten screw to specified torque

3 Remove Screwdriver, screw terminal is closed with locking feature for a reliable/ safe connection

SCREW CLAMP ACCESSORIES AND FEATURES



Feed Through Terminal Blocks

- Up to 240A
- Multi-Connection Terminals
- Double Level Terminal
- Triple Level Terminals
- Ground Blocks
- Wide range of accessories
- All standard colors

Feed Through
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Multi-Connection
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Double Level
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Triple Level
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Ground / Earth
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Fuse Terminal Blocks

- 1/4" x 1" Fuse Terminal Blocks
- 5x20mm/ 5x25mm Fuse Terminal Blocks
- Double level versions
- Component Carrier for flexible requirements
- 10x38, CC, J-Type Fuse Holder

5x20mm / 5x25mm
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Power Distribution Terminal Blocks

- Various I/O configurations
- Up to 150A
- Compact Hybrid Distribution Block

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CMDB Series
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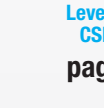
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- 1000V High Voltage Terminals
- Thermocouple Terminals
- Tab Connection Terminals
- Electronic Components Terminals

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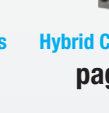
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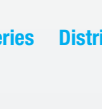
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- Endplates
- Partition/ Separator Plates
- Protective Covers
- End Stops

Jumpers
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Endplates, Separators, End Stops, Covers, etc.
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HIGHLIGHTS

FEATURES

- Altech CTS Series of Universal Screw Terminal Blocks featuring global standards
- Universal mounting foot for easy snap onto common DIN rail profiles
- Screw-type jumper system
- Current Ratings up to 240A

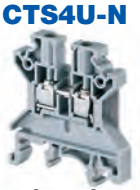
APPLICATIONS

- Ex & IECEx approvals for use in potentially explosive areas
- Control, Automation applications
- Power Distribution

Mounting Handle

Mounting handle is used for mounting 10 terminal blocks on a DIN rail, thus saving considerable time. Specially designed pins in the mounting handle grip the terminal blocks when pressed against entry.

Cat. No.	Terminal Block	Std. Pk.
MH2.5	CTS2.5U-N	1
MH4	CTS4U-N	1

	CTS2.5U-N	CTS4U-N	CTS6U
			

Dimensions & Weight

Width	5 mm	6 mm	8 mm
Length	43 mm	43 mm	43 mm
Height w DIN Rail 35 x 7.5 mm	46.2 mm	46.2 mm	47.8 mm
Height w DIN Rail 35 x 15 mm	53.7 mm	53.7 mm	55.5 mm
Weight per piece	6.2 g	7.6 g	13.5 g

Technical Data/Ratings

Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	22-12 AWG / 0.2-2.5 mm²	22-10 AWG / 0.2-4 mm²	22-8 AWG / 0.5-6 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	25 A / 24 A	35 A / 32 A	50 A / 41 A
Torque	7 lb-in / 0.4 Nm	7 lb-in / 0.5 Nm	14 lb-in / 0.8 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

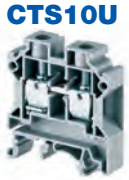
Wire Stripping Length	8 mm	8 mm	9 mm
Screwdriver	Flat Head 0.5 x 3.0 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4.0 mm

Terminal Blocks

		CTS2.5U-N Cat. No.	CTS2.5U-N Std. Pk.	CTS4U-N Cat. No.	CTS4U-N Std. Pk.	CTS6U Cat. No.	CTS6U Std. Pk.
Grey (standard)		**CTS2.5U-N**	100	**CTS4U-N**	100	**CTS6U**	100
Red	R	CTS2.5U-N/R	100	CTS4U-N/R	100	CTS6U/R	100
Blue	BU	CTS2.5U-N/BU	100	CTS4U-N/BU	100	CTS6U/BU	100
Black	BL	CTS2.5U-N/BL	100	CTS4U-N/BL	100	CTS6U/BL	100
Orange	O	CTS2.5U-N/O	100	CTS4U-N/O	100	CTS6U/O	100
Green	G	CTS2.5U-N/G	100	CTS4U-N/G	100	CTS6U/G	100
Yellow	Y	CTS2.5U-N/Y	100	CTS4U-N/Y	100	CTS6U/Y	100
White	W	CTS2.5U-N/W	100	CTS4U-N/W	100	CTS6U/W	100

Accessories

		CTS2.5U-N Cat. No.	CTS2.5U-N Std. Pk.	CTS4U-N Cat. No.	CTS4U-N Std. Pk.	CTS6U Cat. No.	CTS6U Std. Pk.
End Plate		EP2.5/4UN	50	EP2.5/4UN	50	EP6/10U	50
Partition Plate		PP2.5/4UN	50	PP2.5/4UN	50	PP6/10U	50
Separator Plate		SP2.5/4UN	100	SP2.5/4UN	100	SP6/10U	100
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA202	25	CA202	25	CA202	25
Internal Jumper	2 pole	CA721/2	100	CA722/2	100	CA723/2	100
	3 pole	CA721/3	100	CA722/3	100	CA723/3	50
	4 pole	CA721/4	100	CA722/4	50	CA723/4	50
	10 pole	CA721/10	10	CA722/10	10	CA723/10	10
	100 pole	CA721/100	10	CA722/100	10	–	–
Insulated Internal Jumper	2 pole	CA741/2	100	CA742/2	100	CA743/2	100
	3 pole	CA741/3	100	CA742/3	100	CA743/3	50
	4 pole	CA741/4	100	CA742/4	100	CA743/4	50
	10 pole	CA741/10	10	CA742/10	10	CA743/10	10
	100 pole	CA741/100	10	CA742/100	10	–	–
External Jumper	2 pole	CA717/2	100	CA714/2	100	CA710/2	100
	3 pole	CA717/3	100	CA714/3	100	CA710/3	50
	4 pole	CA717/4	100	CA714/4	100	CA710/4	50
	10 pole	CA717/10	20	CA714/10	20	CA710/10	20
Test Socket		CA707/TS/01	100	CA707/TS/01	100	CA707/TS/05	100
Marking Tag		MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

	CTS10U	CTS16U	CTS25UN	CTS35UN
				

Dimensions & Weight

Width	**10 mm**	**12 mm**	**12 mm**	**16 mm**
Length	43 mm	43 mm	49 mm	50.5 mm
Height w DIN Rail 35 x 7.5 mm	47.8 mm	47.8 mm	57.2 mm	59.2 mm
Height w DIN Rail 35 x 15 mm	55.5 mm	55.5 mm	64.7 mm	66.7 mm
Weight per piece	16.5 g	25.5 g	35.5 g	50.5 g

Technical Data/Ratings

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**16-6 AWG**	22-6 AWG	0.5-10 mm²	**20-4 AWG**	22-6 AWG	0.2-16 mm²	**14-2 AWG**		4-25 mm²	**12-1/0 AWG**		4-35 mm²
Voltage Rating	600 V	600 V	1000V AC/DC	600 V	600 V	1000V AC/DC	600 V		1000V AC/DC	600 V		1000V AC/DC
Current Rating	65 A	65 A	57 A	85 A	70 A	76 A	105 A		101 A	150 A		125 A
Torque	14 lb-in	14 lb-in	1.2 Nm	14 lb-in	14 lb-in	1.2 Nm	30 lb-in		2.0 Nm	50 lb-in		2.5 Nm
Insulation Material	Polyamide 66			Polyamide 66			Polyamide 66			Polyamide 66		

Installation Instructions

Wire Stripping Length	11 mm	12 mm	14 mm	15 mm
Screwdriver	Flat Head 0.8 x 4.0 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CTS10U**	100	**CTS16U**	50	**CTS25UN**	50	**CTS35UN**	50
Red	R	CTS10U/R	100	CTS16U/R	50	CTS25UN/R	50	CTS35UN/R	50
Blue	BU	CTS10U/BU	100	CTS16U/BU	50	CTS25UN/BU	50	CTS35UN/BU	50
Black	BL	CTS10U/BL	100	CTS16U/BL	50	CTS25UN/BL	50	CTS35UN/BL	50
Orange	O	CTS10U/O	100	CTS16U/O	50	CTS25UN/O	50	CTS35UN/O	50
Green	G	CTS10U/G	100	CTS16U/G	50	CTS25UN/G	50	CTS35UN/G	50
Yellow	Y	CTS10U/Y	100	CTS16U/Y	50	CTS25UN/Y	50	CTS35UN/Y	50
White	W	CTS10U/W	100	CTS16U/W	50	CTS25UN/W	50	CTS35UN/W	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EP6/10U	50	–	–	–	–	–	–
Partition Plate		PP6/10U	50	–	–	PP25UN	50	PP35UN	50
Separator Plate		SP6/10U	100	SP6/10U	100	–	–	–	–
DIN Rail	32mm / 35mm	2511120	20	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50	CA802	50
		CA202	25	CA202	25	CA202	25	CA202	25
Internal Jumper	2 pole	CA724/2	100	CA751/2	50	CA725/2	50	CA771/2	50
	3 pole	CA724/3	50	CA751/3	50	CA725/3	20	CA771/3	20
	4 pole	CA724/4	50	CA751/4	50	CA725/4	20	CA771/4	20
	10 pole	CA724/10	10	CA751/10	10	CA725/10	10	CA771/10	10
	100 pole	–	–	CA751/100	10	CA725/100	10	–	–
Insulated Internal Jumper	2 pole	CA744/2	100	CA761/2	100	CA745/2	50	CA781/2	50
	3 pole	CA744/3	50	CA761/3	50	CA745/3	20	CA781/3	20
	4 pole	CA744/4	50	CA761/4	50	CA745/4	20	CA781/4	20
	10 pole	CA744/10	10	CA761/10	10	CA745/10	10	CA781/10	10
	100 pole	–	–	CA761/100	10	CA745/100	10	–	–
External Jumper	2 pole	CA718/2	100	–	–	–	–	–	–
	3 pole	CA718/3	50	–	–	–	–	–	–
	4 pole	CA718/4	50	–	–	–	–	–	–
	10 pole	CA718/10	20	–	–	–	–	–	–
Test Socket		CA707/TS/05	100	CA707/TS/05	100	CA707/TS/06	100	CA707/TS/06	100
Marking Tag		MT10	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

SINGLE LEVEL POWER TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- DIN Rail and Panel mountable
- Voltage Rating 1000V
- Current Rating up to 240A
- Hex Screw version for easier tightening (NA)
- Auxiliary block for easy plug in

APPLICATIONS
- Power Distribution
- Solar Applications
- **AUX6** auxiliary for indicator light or contactor

	CTS50/70N	CTS50/70NA	CTS95/120N
Dimensions & Weight			
Width	**20.5 mm**	**20.5 mm**	**27.0 mm**
Length	77.3 mm	77.3 mm	84.5 mm
Height w DIN Rail 35 x 7.5 mm	71.1 mm	71.1 mm	83.0 mm
Height w DIN Rail 35 x 15 mm	78.1 mm	78.1 mm	90.5 mm
Weight per piece	93.8 g	95.0 g	177.2 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA C US / IEC 60947-7-1	cULus E220514 / CSA C US / IEC 60947-7-1	cULus E220514 / CSA C US / IEC 60947-7-1
Wire Size (solid / stranded)	**8-2/0 AWG** / 10-70 mm²	**8-2/0 AWG** / 10-70 mm²	**2-250 KCMIL** / 25-120 mm²
Voltage Rating	1000 V / 1000 V AC/DC	1000 V / 1000 V AC/DC	1000 V / 1000 V AC/DC
Current Rating	175 A / 192 A	175 A / 192 A	240 A / 269 A
Torque	38 lb-in / 3.0 Nm	38 lb-in / 3.0 Nm	90 lb-in / 6.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	22 mm	22 mm	24 mm
Screwdriver	Flat Head 1.0x7.5 mm	Allen Wrench 5 mm	Allen Wrench 6 mm

Terminal Blocks

		CTS50/70N Cat. No.	Std. Pk.	CTS50/70NA Cat. No.	Std. Pk.	CTS95/120N Cat. No.	Std. Pk.
Grey (standard)		**CTS50/70N**	20	**CTS50/70NA**	20	**CTS95/120N**	10
Red	R	CTS50/70N/R	20	CTS50/70NA/R	20	CTS95/120N/R	10
Blue	BU	CTS50/70N/BU	20	CTS50/70NA/BU	20	CTS95/120N/BU	10
Black	BL	CTS50/70N/BL	20	CTS50/70NA/BL	20	CTS95/120N/BL	10
Orange	O	CTS50/70N/O	20	CTS50/70NA/O	20	CTS95/120N/O	10
Green	G	CTS50/70N/G	20	CTS50/70NA/G	20	CTS95/120N/G	10
Yellow	Y	CTS50/70N/Y	20	CTS50/70NA/Y	20	CTS95/120N/Y	10
White	W	CTS50/70N/W	20	CTS50/70NA/W	20	CTS95/120N/W	10

Accessories

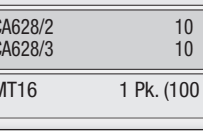
	CTS50/70N Cat. No.	Std. Pk.	CTS50/70NA Cat. No.	Std. Pk.	CTS95/120N Cat. No.	Std. Pk.
DIN Rail (32mm, 35mm)	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
	CA202	25	CA202	25	CA202	25
Shorting Link System	CA628/2	10	CA628/2	10	CA629/2	10
	CA628/3	10	CA628/3	10	CA629/3	10
Marking Tag	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

Cat. No AUX6

Auxiliary Terminal Block

Used for:
CTS50/70N
CTS50/70NA
CTS95/120N

In certain power circuits, there is a need to take an extra connection for an Auxiliary circuit like an indicating light or contactor. The AUX6 terminal easily plugs into the terminal and provides this extra connection point.



Ratings

IEC60947-7-1
Voltage/Current: 1000 V / 41 A
Torque: 0.8 Nm

IEC 60079-7
Voltage/Current: 630 V / 36 A
Torque: 0.8 Nm

UL-1059
Voltage/Current: 600 V / 50 A
Torque: 14 lb-in

CSA22.2-158
Voltage/Current: 600 V / 50 A
Torque: 14 lb-in

Wire Range: 22-8 AWG
Width x Length x Height: 8 x 53.6 x 29.4 mm
Std. Pk.: 10
Marking Tag: MT8

FEED THROUGH MULTI-CONNECTION

Dimensions & Weight

	CMC1-2	CMC2-2	CMCG4
Width	**6 mm**	**6 mm**	**6 mm**
Length	46.5 mm	65.0 mm	65.0 mm
Height w DIN Rail 35 x 7.5 mm	49.5 mm	53.4 mm	53.7 mm
Height w DIN Rail 35 x 15 mm	56.5 mm	60.5 mm	60.9 mm
Weight per piece	11.0 g	16.0 g	21.6 g

Technical Data/Ratings

	CMC1-2		CMC2-2		CMCG4	
Approvals	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	630 V AC/DC	600 V	630 V AC/DC	600 V	1000 V AC/DC
Current Rating	35 A	32 A	35 A	32 A	-	-
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	CMC1-2	CMC2-2	CMCG4
Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

		CMC1-2 Cat. No.	Std. Pk.	CMC2-2 Cat. No.	Std. Pk.	CMCG4 Cat. No.	Std. Pk.
Grey (standard)		**CMC1-2**	100	**CMC2-2**	50	**CMCG4**	50
Red	R	CMC1-2/R	100	CMC2-2/R	50	Yellow/Green	
Blue	BU	CMC1-2/BU	100	CMC2-2/BU	50		
Black	BL	CMC1-2/BL	100	CMC2-2/BL	50		
Orange	O	CMC1-2/O	100	CMC2-2/O	50		
Green	G	CMC1-2/G	100	CMC2-2/G	50		
Yellow	Y	CMC1-2/Y	100	CMC2-2/Y	50		
White	W	CMC1-2/W	100	CMC2-2/W	50		

Accessories

		CMC1-2 Cat. No.	Std. Pk.	CMC2-2 Cat. No.	Std. Pk.	CMCG4 Cat. No.	Std. Pk.
End Plate		EPCMC1-2	50	EPCMC2-2	50	EPCMC2-2	50
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA202	25	CA202	25	CA202	25
Internal Jumper	2 pole	CA722/2	100	CA722/2	100	–	–
	3 pole	CA722/3	100	CA722/3	100	–	–
	4 pole	CA722/4	50	CA722/4	50	–	–
	10 pole	CA722/10	10	CA722/10	10	–	–
	100 pole	CA722/100	10	CA722/100	10	–	–
Insulated Internal Jumper	2 pole	CA742/2	100	CA742/2	100	–	–
	3 pole	CA742/3	100	CA742/3	100	–	–
	4 pole	CA742/4	100	CA742/4	100	–	–
	10 pole	CA742/10	10	CA742/10	10	–	–
	100 pole	CA742/100	10	CA742/100	10	–	–
External Jumper	2 pole	CA713/2	100	CA713/2	100	–	–
	3 pole	CA713/3	100	CA713/3	100	–	–
	4 pole	CA713/4	100	CA713/4	100	–	–
	10 pole	CA713/10	20	CA713/10	20	–	–
Test Socket		CA707/TS/01		CA707/TS/01		–	–
Marking Tag		MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- 3 to 4 connections
- Up to 2 connection points on each side
- 2 jumper channels on **CMC2-2** for individual potential distribution
- **CMCG4** same profile as regular feed-through version

APPLICATIONS

- Connecting different type of wires with different wire sizes into a single terminal block
- Simple distribution applications

FEED THROUGH DOUBLE LEVEL

HIGHLIGHTS

FEATURES

- Accommodates larger **MT6** marking tags on both levels
- Independent and internally shorted version
- **CDL4UN** offers jumper channel on both levels
- Same profile Ground versions
- Grounding Level on **CDLG4** is identified by green/yellow imprint

APPLICATIONS

- High density writing applications

Dimensions & Weight

	CDL4UN	CDL4UN(I.S)
Width	**6 mm**	**6 mm**
Length	57.0 mm	57.0 mm
Height w DIN Rail 35 x 7.5 mm	59.5 mm	59.5 mm
Height w DIN Rail 35 x 15 mm	67.2 mm	67.2 mm
Weight per piece	13.8 g	15.6 g

Technical Data/Ratings

	CDL4UN		CDL4UN(I.S)	
Approvals	cULus E220514 / CSA	IEC 60947-7-1	cULus E220514 / CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800 V AC/DC	600 V	800 V AC/DC
Current Rating	35 A	32 A	35 A	32 A
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66	

Installation Instructions

	CDL4UN	CDL4UN(I.S)
Wire Stripping Length	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

Grey (standard)		CDL4UN Cat. No.	Std. Pk.	CDL4UN(I.S) Cat. No.	Std. Pk.
Red	R	**CDL4UN**	100	**CDL4UN(I.S)**	100
Blue	BU	CDL4UN/R	100	CDL4UN(I.S)/R	100
Black	BL	CDL4UN/BU	100	CDL4UN(I.S)/BU	100
Orange	O	CDL4UN/BL	100	CDL4UN(I.S)/BL	100
Green	G	CDL4UN/O	100	CDL4UN(I.S)/O	100
Yellow	Y	CDL4UN/G	100	CDL4UN(I.S)/G	100
White	W	CDL4UN/Y	100	CDL4UN(I.S)/Y	100
		CDL4UN/W	100	CDL4UN(I.S)/W	100

Accessories

	CDL4UN Cat. No.	Std. Pk.	CDL4UN(I.S) Cat. No.	Std. Pk.
End Plate	EPCDL4UN	50	EPCDL4UN	50
Separator Plate	SPCDL4U	100	SPCDL4U	100
DIN Rail 32mm	2511120	20	2511120	20
DIN Rail 35mm	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10
End Stop	CA702	50	CA702	50
	CA802	50	CA802	50
	CA202	25	CA202	25
Internal Jumper 2 pole	CA722/2	100	CA722/2	100
Internal Jumper 3 pole	CA722/3	100	CA722/3	100
Internal Jumper 4 pole	CA722/4	100	CA722/4	100
Internal Jumper 10 pole	CA722/10	10	CA722/10	10
Internal Jumper 100 pole	CA722/100	10	CA722/100	10
Insulated Internal Jumper 2 pole	CA742/2	100	CA742/2	100
Insulated Internal Jumper 3 pole	CA742/3	100	CA742/3	100
Insulated Internal Jumper 4 pole	CA742/4	100	CA742/4	100
Insulated Internal Jumper 10 pole	CA742/10	10	CA742/10	10
Insulated Internal Jumper 100 pole	CA742/100	10	CA742/100	10
External Jumper 2 pole	CA714/2	100	CA714/2	100
External Jumper 3 pole	CA714/3	50	CA714/3	50
External Jumper 4 pole	CA714/4	50	CA714/4	50
External Jumper 10 pole	CA714/10	20	CA714/10	20
Test Socket	CA707/TS/01	100	CA707/TS/01	100
Marking Tag	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

FEED THROUGH DOUBLE LEVEL

	CDLG4(I.S)	CDLG4	CDLG2.5
Dimensions & Weight			
Width	**6 mm**	**6 mm**	**6 mm**
Length	57.0 mm	57.0 mm	71.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	59.5 mm 67.2 mm	59.5 mm 67.2 mm	53.0 mm 61.0 mm
Weight per piece	22.2 g	20.6 g	20.2 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**24-10 AWG** / 0.2-4 mm²	**24-10 AWG** / 0.2-4 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	150 V / 500 V AC/DC	150 V / 500 V AC/DC	300 V / 500 V
Current Rating	- / -	32 A (upper level) / 32 A	24 A / 24 A
Torque	4.5 lb-in / 0.5 Nm	4.5 lb-in / 0.5 Nm	4.5 lb-in / 0.4 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	8 mm	8 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.5 x 3.0 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Yellow/Green	**CDLG4(I.S)** 100	**CDLG4** 100	**CDLG2.5** 100
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCDL4UN 50	EPCDL4UN 50	EPCDLG2.5 50
Separator Plate	SPCDL4U 100	SPCDL4U 100	SPCDLG2.5 100
DIN Rail	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10
End Stop	CA702 50 CA802 50 CA202 25	CA702 50 CA802 50 CA202 25	CA702 50 CA802 50 CA202 25
Internal Jumper 2 pole 3 pole 4 pole 10 pole 100 pole	CA722/2 100 CA722/3 100 CA722/4 50 CA722/10 10 CA722/100 10	CA722/2 100 CA722/3 100 CA722/4 50 CA722/10 10 CA722/100 10	CA627/2 100 CA627/3 100 CA627/4 100 CA627/10 10 – –
Insulated Internal Jumper 2 pole 3 pole 4 pole 10 pole 100 pole	CA742/2 100 CA742/3 100 CA742/4 100 CA742/10 10 CA742/100 10	CA742/2 100 CA742/3 100 CA742/4 100 CA742/10 10 CA742/100 10	– – – – – – – – – –
External Jumper 2 pole 3 pole 4 pole 10 pole	CA714/2 100 CA714/3 50 CA714/4 50 CA714/10 20	CA714/2 100 CA714/3 50 CA714/4 50 CA714/10 20	CA715/2 100 CA715/3 100 CA715/4 100 CA715/10 20
Test Socket	CA707/TS/01 100	CA707/TS/01 100	CA707/TS/01 100
Marking Tag	MT6 1 Pk. (100 tags)	MT6 1 Pk. (100 tags)	MT2G 1 Pk. (100 tags)

FEED THROUGH OFFSET DOUBLE LEVEL

ODL4U

HIGHLIGHTS

FEATURES

- Top Level is offset by half terminal width from lower level
- Offset allows better access to both levels even when fully wired
- Different Endplates for front and back side guarantee flush mounting to neighboring terminal blocks or end stops (**EPODL4U** and **EP1ODL4U**)

APPLICATIONS

- High density writing applications

Dimensions & Weight

Width	**6 mm**
Length	68 mm
Height w DIN Rail 35 x 7.5 mm	65.0 mm
Height w DIN Rail 35 x 15 mm	71.1 mm
Weight per piece	14.5 g

Technical Data/Ratings

Approvals	E220514	60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800 VAC/DC
Current Rating	35 A	32 A
Torque	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66	

Installation Instructions

Wire Stripping Length	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm

Terminal Blocks

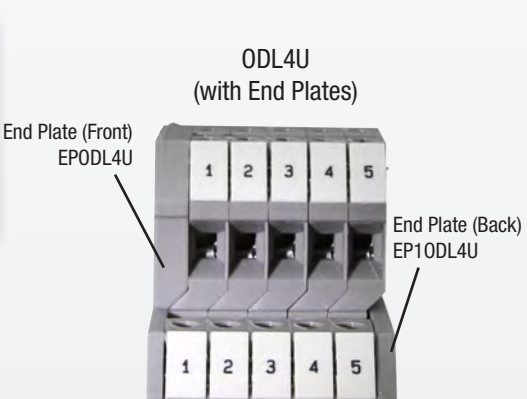
		Cat. No.	Std. Pk.
Grey (standard)		**ODL4U**	100
Red	R	ODL4U/R	100
Blue	BU	ODL4U/BU	100
Black	BL	ODL4U/BL	100
Orange	O	ODL4U/O	100
Green	G	ODL4U/G	100
Yellow	Y	ODL4U/Y	100
White	W	ODL4U/W	100

Accessories

	Cat. No.	Std. Pk.
End Plate	EPODL4U (Front)	50
	EP1ODL4U (Back)	50
Separator Plate	SPCDL4U	100
DIN Rail	2511120	20
	CA701-15/S	20
	2511160	10
End Stop	CA702	50
	CA802	50
	CA202	25
Internal Jumper 2 pole	CA727/2	100
Internal Jumper 3 pole	CA727/3	100
Internal Jumper 4 pole	CA727/4	100
Internal Jumper 10 pole	CA727/10	10
Internal Jumper 100 pole	CA727/100	10
Insulated Internal Jumper 2 pole	CA747/2	100
Insulated Internal Jumper 3 pole	CA747/3	100
Insulated Internal Jumper 4 pole	CA747/4	100
Insulated Internal Jumper 10 pole	CA747/10	10
Insulated Internal Jumper 100 pole	CA747/100	10
External Jumper 2 pole	CA714/2	100
External Jumper 3 pole	CA714/3	100
External Jumper 4 pole	CA714/4	100
External Jumper 10 pole	CA714/10	20
Test Socket	CA707/TS/01	
Marking Tag	MT6	1 Pk. (100 tags)

ODL4U
(without End Plates)

ODL4U
(with End Plates)



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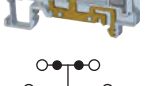
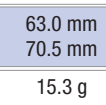
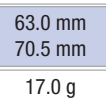
FEED THROUGH DOUBLE LEVEL

	ODL2.5	ODL2.5(I.S)	ODLG2.5	ODLG2.5(I.S)
				
				
Dimensions & Weight	Double Level with Offset	Double Level with Offset Internally Shorted Upper / Lower Level	Double Level with Offset Ground Connection	Double Level with Offset Internally Shorted / Ground Connection
Width	**5 mm**	**5 mm**	**5 mm**	**5 mm**
Length	62.0 mm	62.0 mm	62.0 mm	62.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	63.0 mm 70.5 mm	63.0 mm 70.5 mm	63.0 mm 70.5 mm	63.0 mm 70.5 mm
Weight per piece	13.0 g	14.2 g	15.3 g	17.0 g

Technical Data/Ratings

Approvals CE	UL	IEC 60947-7-1	UL	IEC 60947-7-1	UL	IEC 60947-7-1	UL	IEC 60947-7-1
Wire Size (solid / stranded)	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²
Voltage Rating	300 V	800 V AC/DC	300 V	800 V AC/DC	300 V	800 V AC/DC	300 V	800 V AC/DC
Current Rating	25 A	24 A	25 A	24 A	25 A	24 A	24 A	24 A
Torque	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	8 mm	8 mm	8 mm	8 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey Stackable Clip-on	**ODL2.5**	50	**ODL2.5(I.S)**	50	**ODLG2.5**	50	**ODLG2.5(I.S)**	50
	ODL2.5A	50	ODL2.5A(I.S)	50	ODLG2.5A	50	ODLG2.5A(I.S)	50

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate — Front Side	EPODL2.5	50	EPODL2.5	50	EPODL2.5	50	EPODL2.5	50
End Plate — Back Side	EP1ODL2.5	50	EP1ODL2.5	50	EP1ODL2.5	50	EP1ODL2.5	50
DIN Rail 35mm	2511120	20	2511120	20	2511120	20	2511120	20
DIN Rail 35mm	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop	CA702	50	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50	CA802	50
	CA202	25	CA202	25	CA202	25	CA202	25
Shorting Link/ Jumpers 2 pole	JX2.5/2	100	JX2.5/2	100	JX2.5/2	100	JX2.5/2	100
3 pole	JX2.5/3	50	JX2.5/3	50	JX2.5/3	50	JX2.5/3	50
4 pole	JX2.5/4	50	JX2.5/4	50	JX2.5/4	50	JX2.5/4	50
5 pole	JX2.5/5	50	JX2.5/5	50	JX2.5/5	50	JX2.5/5	50
6 pole	JX2.5/6	10	JX2.5/6	10	JX2.5/6	10	JX2.5/6	10
7 pole	JX2.5/7	10	JX2.5/7	10	JX2.5/7	10	JX2.5/7	10
8 pole	JX2.5/8	10	JX2.5/8	10	JX2.5/8	10	JX2.5/8	10
10 pole	JX2.5/10	10	JX2.5/10	10	JX2.5/10	10	JX2.5/10	10
Marking Tag	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)

FEED THROUGH TRIPLE LEVEL

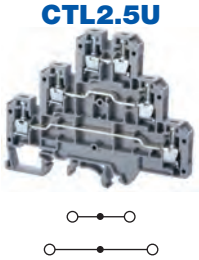
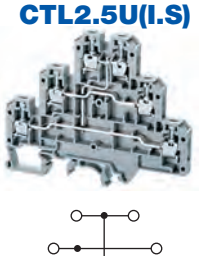
HIGHLIGHTS

FEATURES

- 3 Feed through levels
- Marking Tag space on all 3 levels
- Independent Levels and internally shorted version **CTL2.5U(I.S)**
- LED versions to show switching indication in various voltages - **CTL2.5U(L)/XX**
- 3 Level terminal with additional grounding level **CTLG2.5**

APPLICATIONS

- Control Systems with sensor applications
- Actuator applications
- Motor applications
- Applications with high wire density

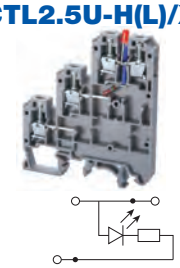
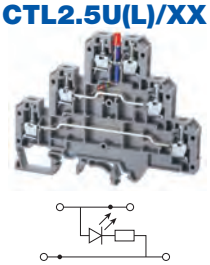
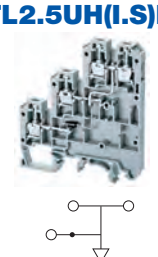
	CTL2.5U	CTL2.5U-H	CTL2.5U(I.S)
			
Dimensions & Weight			
Width	**6 mm**	**6 mm**	**6 mm**
Length	84.0 mm	61.0 mm	84.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	68.0 mm 75.6 mm	68.0 mm 75.6 mm	68.0 mm 75.6 mm
Weight per piece	20.0 g	21.0 g	21.0 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG** / 0.2-2.5 mm²	**22-12 AWG** / 0.2-2.5 mm²	**22-12 AWG** / 0.2-2.5 mm²
Voltage Rating	300 V / 500 V AC/DC	300 V / 500 V AC/DC	150 V / 500 V AC/DC
Current Rating	25 A / 24 A	25 A / 24 A	25 A / 24 A
Torque	4.5 lb-in / 0.4 Nm	4.5 lb-in / 0.4 Nm	4.5 lb-in / 0.4 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.5 x 3.0 mm	Flat Head 0.5 x 3.0 mm	Flat Head 0.5 x 3.0 mm

Terminal Blocks

Grey (standard)			CTL2.5U Cat. No.	Std. Pk.	CTL2.5U-H Cat. No.	Std. Pk.	CTL2.5U(I.S) Cat. No.	Std. Pk.
Red	R		**CTL2.5U**	50	**CTL2.5U-H**	50	**CTL2.5U(I.S)**	50
Blue	BU		CTL2.5U/R	50	CTL2.5U-H/R	50	CTL2.5U(I.S)/R	50
Black	BL		CTL2.5U/BU	50	CTL2.5U-H/BU	50	CTL2.5U(I.S)/BU	50
Orange	O		CTL2.5U/BL	50	CTL2.5U-H/BL	50	CTL2.5U(I.S)/BL	50
Green	G		CTL2.5U/O	50	CTL2.5U-H/O	50	CTL2.5U(I.S)/O	50
Yellow	Y		CTL2.5U/G	50	CTL2.5U-H/G	50	CTL2.5U(I.S)/G	50
White	W		CTL2.5U/Y	50	CTL2.5U-H/Y	50	CTL2.5U(I.S)/Y	50
			CTL2.5U/W	50	CTL2.5U-H/W	50	CTL2.5U(I.S)/W	50

Accessories

		CTL2.5U Cat. No.	Std. Pk.	CTL2.5U-H Cat. No.	Std. Pk.	CTL2.5U(I.S) Cat. No.	Std. Pk.
End Plate		EPCTL2.5U	50	EPCTL2.5U-H	50	EPCTL2.5U	50
DIN Rail	32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA202	25	CA202	25	CA202	25
Internal Jumper	2 pole	CA722/2	100	CA722/2	100	CA722/2	100
	3 pole	CA722/3	100	CA722/3	100	CA722/3	100
	4 pole	CA722/4	100	CA722/4	100	CA722/4	100
	10 pole	CA722/10	10	CA722/10	10	CA722/10	10
	100 pole	CA722/100	10	CA722/100	10	CA722/100	10
External Jumper	2 pole	CA715/2	100	CA715/2	100	CA715/2	100
	3 pole	CA715/3	100	CA715/3	100	CA715/3	100
	4 pole	CA715/4	100	CA715/4	100	CA715/4	100
	10 pole	CA715/10	20	CA715/10	20	CA715/10	20
Test Socket		CA707/TS/01	100	CA707/TS/01	100	CA707/TS/01	100
Marking Tag		MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

	CTL2.5U-H(L)/XX	CTL2.5U(L)/XX	CTL2.5UH(I.S)D2	CTLG2.5
				

Dimensions & Weight

Width	**6 mm**	**6 mm**	**6 mm**	**6 mm**
Length	61.0 mm	84.0 mm	61.0 mm	87.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	68.0 mm 75.6 mm	68.0 mm 75.6 mm	68.0 mm 75.6 mm	66.0 mm 74.0 mm
Weight per piece	21.0 g	21.0 g	15.1 g	27.4 g

Technical Data/Ratings

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.2-2.5 mm²	**22-12 AWG**	0.2-2.5 mm²	**22-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²
Voltage Rating	300 V	500 V AC/DC	300 V	500 V AC/DC	150 V	500 V AC/DC	300 V	440 V
Current Rating	25 A	24 A	25 A	24 A	25 A	24 A	24 A	24 A
Torque	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm	4.5 lb-in	0.4 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	9 mm	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.5 x 3.0 mm	Flat Head 0.5 x 3.0 mm	Flat Head 0.5 x 3.0 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey **LED Voltage 12 V** **LED Voltage 24 V** **LED Voltage 48 V** **LED Voltage 110 V** **LED Voltage 220 V**	CTL2.5U-H(L)/12 **CTL2.5U-H(L)/24** CTL2.5U-H(L)/48 **CTL2.5U-H(L)/110** CTL2.5U-H(L)/220	50 50 50 50 50	CTL2.5U(L)/12 **CTL2.5U(L)/24** CTL2.5U(L)/48 **CTL2.5U(L)/110** CTL2.5U(L)/220	50 50 50 50 50	**CTL2.5UH(I.S)D2**	**50**	**CTLG2.5** Yellow/Green	100

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCTL2.5U-H	50	EPCTL2.5U	50	EPCTL2.5U-H	50	EPCTLG2.5	50
DIN Rail (32mm, 35mm, 35mm)	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802 CA202	50 50 25	CA702 CA802 CA202	50 50 25	CA702 CA802 CA202	50 50 25	CA702 CA802 CA202	50 50 25
Internal Jumper 2 pole 3 pole 4 pole 10 pole 100 pole	CA722/2 CA722/3 CA722/4 CA722/10 CA722/100	100 100 100 10 10	CA722/2 CA722/3 CA722/4 CA722/10 CA722/100	100 100 100 10 10	CA722/2 CA722/3 CA722/4 CA722/10 CA722/100	100 100 100 10 10	CA627/2 CA627/3 CA627/4 CA627/10 –	100 100 100 10 –
External Jumper 2 pole 3 pole 4 pole 10 pole	CA715/2 CA715/3 CA715/4 CA715/10	100 100 100 20	CA715/2 CA715/3 CA715/4 CA715/10	100 100 100 20	CA715/2 CA715/3 CA715/4 CA715/10	100 100 100 20	CA715/2 CA715/3 CA715/4 CA715/10	100 100 100 20
Test Socket	CA707/TS/01	100	CA707/TS/01	100	CA707/TS/01	100	CA707/TS/01	100
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2G	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Yellow/Green color code as per industry standard
- Clamp mechanically on Rail by tightening middle screw
- Rail serves as grounding busbar to feed ground potential to all other grounding terminals
- **CGT4N**, **CGT6N**, **CGT10N** and **CGT16N** have same profile as re-spective feed through blocks
- **CGT4U**, **CGT10U**, and **CGT35U** mount on both 35mm and 32mm DIN-Rail

APPLICATIONS

- Grounding Applications

Dimensions & Weight

Width	CGT4U 6 mm	CGT4N 6 mm	CGT6N 8 mm
Length	43 mm	54.2 mm	54.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 56.7 mm	47.0 mm 54.4 mm	48.2 mm 55.8 mm
Weight per piece	21.5 g	22.0 g	27.0 g

Technical Data/Ratings

	CGT4U		CGT4N		CGT6N	
Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²	**22-8 AWG**	0.2-6 mm²
Voltage Rating	600 V	800 V AC/DC	600 V	1000 V AC/DC	600 V	1000 V AC/DC
Current Rating	–		–		–	
Torque	7.0 lb-in	0.5 Nm	7 lb-in	0.5 Nm	14 lb-in	1.6 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

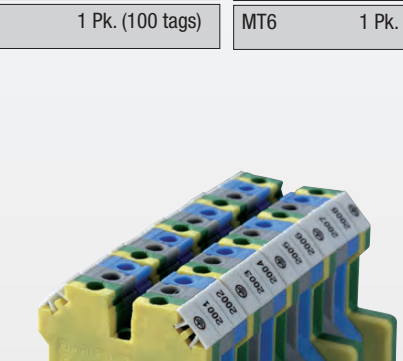
	CGT4U	CGT4N	CGT6N
Wire Stripping Length	8 mm	8 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4.0 mm

Terminal Blocks

	CGT4U Cat. No.	CGT4U Std. Pk.	CGT4N Cat. No.	CGT4N Std. Pk.	CGT6N Cat. No.	CGT6N Std. Pk.
Yellow/Green	**CGT4U**	50	**CGT4N**	50	**CGT6N**	50

Accessories

	CGT4U Cat. No.	CGT4U Std. Pk.	CGT4N Cat. No.	CGT4N Std. Pk.	CGT6N Cat. No.	CGT6N Std. Pk.
End Plate	EPCGT4U/Y	50	–	–	–	–
DIN Rail (32mm / 35mm / 35mm)	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
Marking Tag	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)



Assembly example for single phase 3 wire circuits.

GROUND/EARTH TERMINAL BLOCKS

Dimensions & Weight

	CGT10U	CGT10N	CGT16N	CGT35U
Width	**10 mm**	**10 mm**	**12 mm**	**16 mm**
Length	45.0 mm	55.0 mm	55.0 mm	58.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	51.0 mm 58.2 mm	48.5 mm 56.0 mm	48.5 mm 56.0 mm	63.7 mm 70.5 mm
Weight per piece	30.5 g	35.2 g	39.6 g	102.0 g

Technical Data/Ratings

	CGT10U			CGT10N		CGT16N		CGT35U	
Approvals	cULus E220514	CSA C US	IEC 60947-7-1	cULus E220514	CSA C US IEC 60947-7-1	cULus E220514	CSA C US IEC 60947-7-1	cULus E220514	CSA C US IEC
Wire Size (solid / stranded)	**16-8 AWG**	22-6 AWG	0.2-10 mm²	**16-6 AWG**	0.2-10 mm²	**20-4 AWG**	0.2-16 mm²	**8-2 AWG**	2.5-35 mm²
Voltage Rating	600 V	600 V	1000 V AC/DC	600 V	1000 V AC/DC	600 V	1000 V AC/DC	600 V	1000 V AC/DC
Current Rating	–			–		–		–	
Torque	14 lb-in	14 lb-in	1.6 Nm	14 lb-in	1.6 Nm	14 lb-in	1.6 Nm	25 lb-in	2.8 Nm
Insulation Material	Polyamide 66			Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	CGT10U	CGT10N	CGT16N	CGT35U
Wire Stripping Length	11 mm	11 mm	12 mm	15 mm
Screwdriver	Flat Head 0.8 x 4.0 mm	Flat Head 0.8 x 4.0 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

	CGT10U		CGT10N		CGT16N		CGT35U	
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow/Green	**CGT10U**	50	**CGT10N**	50	**CGT16N**	50	**CGT35U**	20

Accessories

	CGT10U		CGT10N		CGT16N		CGT35U	
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	–	–	–	–	–	–	–	–
DIN Rail (32mm / 35mm)	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
Marking Tag	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

FUSE BLOCKS, 5 x 20 and 5 x 25 mm

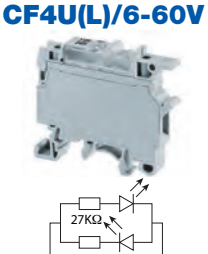
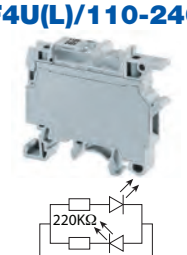
HIGHLIGHTS

FEATURES

- **CF4U** Series accepts 5x20mm/ 5x25mm fuse types
- Completely enclosed, no endplates
- **CF4U(L)** version with LED for blown fuse indication
- Large marking area
- No polarity required
- Blocks can be used for AC & DC Voltages

APPLICATIONS

- Control systems with fuse protection

	CF4U	CF4U(L)/6-60V	CF4U(L)/110-240V
			

Dimensions & Weight

Width		**8 mm**	**8 mm**	**8 mm**
Length		57.0 mm	57.0 mm	57.0 mm
Height w DIN Rail	35 x 7.5 mm	50.3 mm	50.3 mm	50.3 mm
	35 x 15 mm	57.6 mm	57.6 mm	57.6 mm
Weight per piece		14.8 g	15.4 g	15.4 g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-3	cULus E220514	IEC 60947-7-3	cULus E220514	IEC 60947-7-3
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800 V AC/DC	600 V	800 V AC/DC	600 V	800 V AC/DC
Current Rating	10 A	6.3 A	10 A	6.3 A	10 A	6.3 A
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Fuse Specifications

Fuse Type	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm
LED Indicator Voltage	-	6-60V AC/DC	110-240V AC/DC

Installation Instructions

Wire Stripping Length	9.5 mm	9.5 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

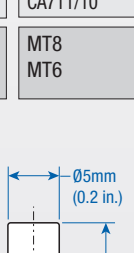
		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CF4U**	50	**CF4U(L)/6-60V**	50	**CF4U(L)/110-240V**	50
Blue	BU	CF4U/BU	50	CF4U(L)/6-60V/BU	50	CF4U(L)/110-240V/BU	50
Black	BL	CF4U/BL	50	CF4U(L)/6-60V/BL	50	CF4U(L)/110-240V/BL	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail	32mm	2511120	20	2511120	20	2511120	20
	35mm	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	35mm	2511160	10	2511160	10	2511160	10
External Jumper	2 pole	CA711/2	100	CA711/2	100	CA711/2	100
	3 pole	CA711/3	50	CA711/3	50	CA711/3	50
	4 pole	CA711/4	50	CA711/4	50	CA711/4	50
	10 pole	CA711/10	20	CA711/10	20	CA711/10	20
Marking Tag	On Terminal	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)
	On Fuse Carrier	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

Fuses 5 x 20 mm

Current Rating	Slow Blow Cat. No	Fast Blow Cat. No
0.1A	0.1M5x20T	0.1M5x20F
0.2A	0.2M5x20T	0.2M5x20F
0.5A	0.5M5x20T	0.5M5x20F
1.0A	1.0M5x20T	1.0M5x20F
2.0A	2.0M5x20T	2.0M5x20F
4.0A	4.0M5x20T	4.0M5x20F
5.0A	5.0M5x20T	5.0M5x20F
6.3A	6.3M5x20T	6.3M5x20F
8.0A	8.0M5x20T	8.0M5x20F
10.0A	10.0M5x20T	10.0M5x20F



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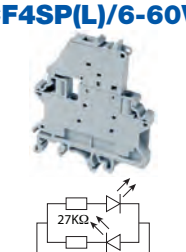
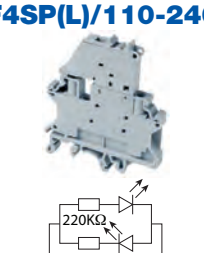
FUSE BLOCKS, 5 x 20 and 5 x 25 mm

	CF4SP	CF4SP(L)/6-60V	CF4SP(L)/110-240V
			

Dimensions & Weight

Width		**6 mm**	**6 mm**	**6 mm**
Length		58.5 mm	58.5 mm	58.5 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	70.0 mm 77.5 mm	70.0 mm 77.5 mm	70.0 mm 77.5 mm
Weight per piece		16.9 g	17.4 g	17.4 g

Technical Data/Ratings

Approvals	CE, Lloyds Register	cULus E220514, CSA	IEC 60947-7-3	cULus E220514, CSA	IEC 60947-7-3	cULus E220514, CSA	IEC 60947-7-3
Wire Size (solid / stranded)		**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²
Voltage Rating		600 V	1000 V AC/DC	600 V	1000 V AC/DC	600 V	1000 V AC/DC
Current Rating		10 A	10 A	10 A	10 A	10 A	10 A
Torque		4.5 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm
Insulation Material		Polyamide 66		Polyamide 66		Polyamide 66	

Fuse Specifications

Fuse Type	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm
LED Indicator Voltage	-	6-60V AC/DC	110-240V AC/DC

Installation Instructions

Wire Stripping Length	8 mm	8 mm	8 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CF4SP**	50	**CF4SP(L)/6-60V**	50	**CF4SP(L)/110-240V**	50
Blue BU	CF4SP/BU	50	CF4SP(L)/6-60V/BU	50	CF4SP(L)/110-240V/BU	50
Black BL	CF4SP/BL	50	CF4SP(L)/6-60V/BL	50	CF4SP(L)/110-240V/BL	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
Internal Jumper	2 pole	CA722/2	100	CA722/2	100	CA722/2	100
	3 pole	CA722/3	100	CA722/3	100	CA722/3	100
	4 pole	CA722/4	100	CA722/4	100	CA722/4	100
	10 pole	CA722/10	10	CA722/10	10	CA722/10	10
	100 pole	CA722/100	10	CA722/100	10	CA722/100	10
Insulated Internal Jumper	2 pole	CA742/2	100	CA742/2	100	CA742/2	100
	3 pole	CA742/3	100	CA742/3	100	CA742/3	100
	4 pole	CA742/4	100	CA742/4	100	CA742/4	100
	10 pole	CA742/10	10	CA742/10	10	CA742/10	10
	100 pole	CA742/100	10	CA742/100	10	CA742/100	10
External Jumper	2 pole	CA714/2	100	CA714/2	100	CA714/2	100
	3 pole	CA714/3	100	CA714/3	100	CA714/3	100
	4 pole	CA714/4	100	CA714/4	100	CA714/4	100
	10 pole	CA714/10	20	CA714/10	20	CA714/10	20
Marking Tag	On Terminal	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)
	On Fuse Carrier	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- **CF4SP** Series accepts 5x20mm fuse types
- 6mm wide, compact design
- Internal shorting channel
- Completely enclosed, no endplates
- **CF4SP(L)** version with LED for blown fuse indication
- No polarity required

APPLICATIONS

- Control systems with fuse protection
- Control Circuits with alternating configuration with (**CF4SPFT**, **CKT4SP**, etc...)

CF4SPFT

Feed Through Terminal
Same Profile as CF4SP

Technical Data/Ratings

cULus E220514, CSA	IEC 60947-7-1
24-10 AWG	0.2-4 mm²
600 V	1000 V
30 A	32 A
4.5 lb-in	0.5 Nm
Polyamide 66	

DOUBLE LEVEL FUSE BLOCKS, 5 x 20 / 5 x 25 mm

HIGHLIGHTS

FEATURES

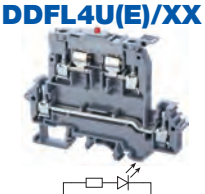
- Top Level fuse link for 5x20mm/ 5x25mm fuse types
- Bottom Level Feed through terminal
- **DDFL4U(E)** version with LED for blown fuse indication in various voltages
- Blocks can be used in AC & DC applications

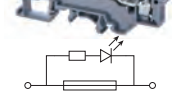
APPLICATIONS

- Tight space fuse applications
- No need for additional Feed through terminal

DDFL4U

DDFL4U(E)/XX





Dimensions & Weight

		DDFL4U	DDFL4U(E)/XX
Width		**8 mm**	**8 mm**
Length		88 mm	88 mm
Height w DIN Rail	35 x 7.5 mm	67.4 mm	67.4 mm
	35 x 15 mm	74.3 mm	74.3 mm
Weight per piece		28.0 g	27.0 g

Technical Data/Ratings

	DDFL4U		DDFL4U(E)/XX	
Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800 V AC/DC	600 V	800 V AC/DC
Current Rating (top)	6.3 A	6.3 A	6.3 A	6.3 A
Current Rating (bottom)	35 A	32 A	35 A	32 A
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66	

Fuse Specifications

	DDFL4U	DDFL4U(E)/XX
Fuse Type	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm
LED Indicator Voltage	-	24V, 48V, 110V, 220V, 440V

Installation Instructions

	DDFL4U	DDFL4U(E)/XX
Wire Stripping Length	9.5 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

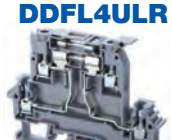
Terminal Blocks

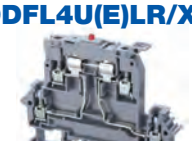
	DDFL4U Cat. No.	DDFL4U Std. Pk.	DDFL4U(E)/XX Cat. No.	DDFL4U(E)/XX Std. Pk.
Grey	**DDFL4U**	20		
LED Voltage 24V AC/DC			**DDFL4U(E)/24**	20
LED Voltage 48V AC/DC			**DDFL4U(E)/48**	20
LED Voltage 110V AC/DC			**DDFL4U(E)/110**	20
LED Voltage 220V AC/DC			**DDFL4U(E)/220**	20
LED Voltage 440V AC			**DDFL4U(E)/440**	20

Accessories

		DDFL4U Cat. No.	DDFL4U Std. Pk.	DDFL4U(E)/XX Cat. No.	DDFL4U(E)/XX Std. Pk.
End Plate		EPDDFL4U	50	EPDDFL4U	50
DIN Rail	32mm	2511120	20	2511120	20
	35mm	CA701-15/S	20	CA701-15/S	20
	35mm	2511160	10	2511160	10
End Stop		CA702	50	CA702	50
		CA802	50	CA802	50
		CA202	25	CA202	25
Internal Jumper	2 pole	CA729/2	100	CA729/2	100
	3 pole	CA729/3	50	CA729/3	50
	4 pole	CA729/4	50	CA729/4	50
	10 pole	CA729/10	10	CA729/10	10
Insulated Internal Jumper	2 pole	CA749/2	100	CA749/2	100
	3 pole	CA749/3	50	CA749/3	50
	4 pole	CA749/4	50	CA749/4	50
	10 pole	CA749/10	10	CA749/10	10
External Jumper	2 pole	CA711/2	100	CA711/2	100
	3 pole	CA711/3	50	CA711/3	50
	4 pole	CA711/4	50	CA711/4	50
	10 pole	CA711/10	20	CA711/10	20
Marking Tag	on terminal	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)
	on lever	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

DOUBLE LEVEL FUSE BLOCKS, 5 x 20 / 5 x 25 mm WITH 2 CONNECTION POINTS





Dimensions & Weight

	DDFL4ULR	DDFL4U(E)LR/XX
Width	**8 mm**	**8 mm**
Length	88 mm	88 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	67.4 mm 74.3 mm	67.4 mm 74.3 mm
Weight per piece	24.5 g	27.0 g

Technical Data/Ratings

Approvals	DDFL4ULR		DDFL4U(E)LR/XX	
	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800 V AC/DC	600 V	800 V AC/DC
Current Rating (top)	6.3 A	6.3 A	6.3 A	6.3 A
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66	

Fuse Specifications

	DDFL4ULR	DDFL4U(E)LR/XX
Fuse Type	5x20 mm / 5 x 25 mm	5x20 mm / 5 x 25 mm
LED Indicator Voltage	-	24V, 48V, 110V, 220V, 440V

Installation Instructions

	DDFL4ULR	DDFL4U(E)LR/XX
Wire Stripping Length	9.5 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	DDFL4ULR Cat. No.	Std. Pk.	DDFL4U(E)LR/XX Cat. No.	Std. Pk.
Grey	**DDFL4ULR**	20		
LED Voltage 24V AC/DC			**DDFL4U(E)LR/24**	20
LED Voltage 48V AC/DC			**DDFL4U(E)LR/48**	20
LED Voltage 110V AC/DC			**DDFL4U(E)LR/110**	20
LED Voltage 220V AC/DC			**DDFL4U(E)LR/220**	20
LED Voltage 440V AC			**DDFL4U(E)LR/440**	20

Accessories

	DDFL4ULR Cat. No.	Std. Pk.	DDFL4U(E)LR/XX Cat. No.	Std. Pk.
End Plate	EPDDFL4U	50	EPDDFL4U	50
DIN Rail 32mm	2511120	20	2511120	20
DIN Rail 35mm	CA701-15/S	20	CA701-15/S	20
DIN Rail 35mm	2511160	10	2511160	10
End Stop	CA702	50	CA702	50
End Stop	CA802	50	CA802	50
End Stop	CA202	25	CA202	25
Internal Jumper 2 pole	CA729/2	100	CA729/2	100
Internal Jumper 3 pole	CA729/3	50	CA729/3	50
Internal Jumper 4 pole	CA729/4	50	CA729/4	50
Internal Jumper 10 pole	CA729/10	10	CA729/10	10
Insulated Internal Jumper 2 pole	CA749/2	100	CA749/2	100
Insulated Internal Jumper 3 pole	CA749/3	50	CA749/3	50
Insulated Internal Jumper 4 pole	CA749/4	50	CA749/4	50
Insulated Internal Jumper 10 pole	CA749/10	10	CA749/10	10
External Jumper 2 pole	CA711/2	100	CA711/2	100
External Jumper 3 pole	CA711/3	50	CA711/3	50
External Jumper 4 pole	CA711/4	50	CA711/4	50
External Jumper 10 pole	CA711/10	20	CA711/10	20
Marking Tag on terminal	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)
Marking Tag on lever	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Modified version of **DDFL4U** with 2 equipotential
- **DDFL4U(E)** version with LED for blown fuse indication in various voltages
- Blocks can be used in AC & DC applications

APPLICATIONS

- Control Circuits with multi wire fuse application

FUSE BLOCKS, 1/4 x 1 and 1/4 x 1 1/4 in.

HIGHLIGHTS

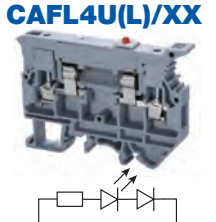
FEATURES

- **CAFL4U** Series accepts 1/4" x 1-1/4" (6.3x32mm) fuse types
- **CAFL4U(L)** versions with LED for blown fuse indication (24V, 48V, 110V, 220V)
- **CAFL4U(N)** version with Neon bulb for blown fuse indication
- Large marking area
- Blocks can be used in AC & DC applications

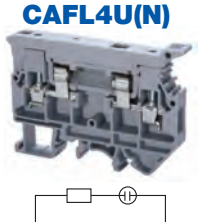
APPLICATIONS

- Control systems with 1/4" x 1-1/4" fuse protection

CAFL4U



CAFL4U(L)/XX



CAFL4U(N)

Dimensions & Weight

	CAFL4U	CAFL4U(L)/XX	CAFL4U(N)
Width	**9 mm**	**9 mm**	**9 mm**
Length	72 mm	72 mm	72 mm
Height w DIN Rail 35 x 7.5 mm	55.3 mm	55.3 mm	55.3 mm
Height w DIN Rail 35 x 15 mm	63.0 mm	63.0 mm	63.0 mm
Weight per piece	20.5 g	20.5 g	20.5 g

Technical Data/Ratings

	CAFL4U		CAFL4U(L)/XX		CAFL4U(N)	
Approvals	c UL us E220514	c SA us 60947-7-3	c UL us E220514	c SA us 60947-7-3	c UL us E220514	c SA us 60947-7-3
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V
Current Rating	16 A	6.3 A	16 A	6.3 A	16 A	6.3 A
Torque	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	CAFL4U	CAFL4U(L)/XX	CAFL4U(N)
Wire Stripping Length	9.5 mm	9.5 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Fuse Specifications

	CAFL4U	CAFL4U(L)/XX	CAFL4U(N)
Fuse Type	1/4" x 1" (6.3 x 32 mm)	1/4" x 1" (6.3 x 32 mm)	1/4" x 1" (6.3 x 32 mm)
LED/Neon Indicator Voltage	-	24V, 48V, 110V, 220V	110V - 240V

Terminal Blocks

	CAFL4U Cat. No.	CAFL4U Std. Pk.	CAFL4U(L)/XX Cat. No.	CAFL4U(L)/XX Std. Pk.	CAFL4U(N) Cat. No.	CAFL4U(N) Std. Pk.
Grey (standard)	**CAFL4U**	25	–		–	
Blue BU	CAFL4U/BU	25	–		–	
Black BL	CAFL4U/BL	25			–	
LED Voltage 24V AC/DC	–		**CAFL4U(L)/24**	**25**	–	
LED Voltage 48V AC/DC	–		**CAFL4U(L)/48**	**25**	–	
LED Voltage 110V AC/DC	–		**CAFL4U(L)/110**	**25**	–	
LED Voltage 220V AC/DC	–		**CAFL4U(L)/220**	**25**	–	
Neon Bulb 110-300V AC/DC	–		–		**CAFL4U(N)**	**25**

Accessories

	CAFL4U Cat. No.	CAFL4U Std. Pk.	CAFL4U(L)/XX Cat. No.	CAFL4U(L)/XX Std. Pk.	CAFL4U(N) Cat. No.	CAFL4U(N) Std. Pk.
End Plate	EPCAFL4U	50	EPCAFL4U	50	EPCAFL4U	50
DIN Rail 32mm	2511120	20	2511120	20	2511120	20
DIN Rail 35mm	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
DIN Rail 35mm	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50
End Stop	CA802	50	CA802	50	CA802	50
End Stop	CA202	25	CA202	25	CA202	25
External Jumper 2 pole	CA716/2	50	CA716/2	50	CA716/2	50
External Jumper 3 pole	CA716/3	50	CA716/3	50	CA716/3	50
External Jumper 4 pole	CA716/4	50	CA716/4	50	CA716/4	50
External Jumper 10 pole	CA716/10	20	CA716/10	20	CA716/10	20
Marking Tag	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)

Fuses 1/4" x 1-1/4" (6.3 x 32mm)

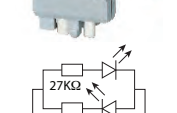
Current Rating	Slow Blow Cat. No	Fast Blow Cat. No
0.1A	0.1M6.3x32T	0.1M6x32F
0.2A	0.2M6.3x32T	0.2M6x32F
0.5A	0.5M6.3x32T	0.5M6x32F
1.0A	1.0M6.3x32T	1.0M6x32F
2.0A	2.0M6.3x32T	2.0M6x32F

Current Rating	Slow Blow Cat. No	Fast Blow Cat. No
4.0A	4.0M6.3x32T	4.0M6x32F
5.0A	5.0M6.3x32T	5.0M6x32F
6.3A	6.3M6.3x32T	6.3M6x32F
8.0A	8.0M6.3x32T	8.0M6x32F
10.0A	10.0M6.3x32T	10.0M6x32F

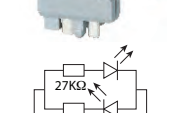
COMPONENT CARRIER TERMINAL BLOCKS

CCC4U

CPF



CPFL6-60V



CPFL110-240V

Dimensions

	CCC4U	CPF	CPFL6-60V	CPFL110-240V
Width	**6 mm**	**6 mm**	**6 mm**	**6 mm**
Length	58.5 mm	28 mm	28 mm	28 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	46 mm 53.5 mm	35 mm	35 mm	35 mm
Weight per piece	10.2 g	3.8 g	3.8 g	4.2 g

Technical Data/Ratings

	CCC4U	CPF		CPFL6-60V		CPFL110-240V	
Approvals CE	IEC 60947-7-1	cULus E220514 CSA	IEC 60947-7-1	cULus E220514 CSA	IEC 60947-7-3	cULus E220514 CSA	IEC 60947-7-3
Wire Size (solid | stranded)	0.2-6 mm² | 0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²
Voltage Rating	1000 V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	*	1 A	1 A	10 A	10 A	10 A	10 A
Insulation Material	Polyamide 66	Polyamide 66		Polyamide 66		Polyamide 66	

Carrier Specifications

	CCC4U	CPF	CPFL6-60V	CPFL110-240V
Component Type	**Component carrier base**	**Plug module with diode Diode Type IN4007**	**Plug module for 5x20 mm fuse**	**Plug module for 5x20 mm fuse with LED indicator**
LED Indicator Voltage	–	–	–	**6-60V AC/DC 110-240V AC/DC**

Installation Instructions

	CCC4U	CPF	CPFL6-60V	CPFL110-240V
Wire Stripping Length	8 mm	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	CCC4U Cat. No.	CCC4U Std. Pk.	CPF Cat. No.	CPF Std. Pk.	CPFL6-60V Cat. No.	CPFL6-60V Std. Pk.	CPFL110-240V Cat. No.	CPFL110-240V Std. Pk.
Grey (standard)	**CCC4U**	50	**CPF**	50	**CPFL6-60V**	50	**CPFL110-240V**	50

Accessories

	CCC4U Cat. No.	CCC4U Std. Pk.	CPF Cat. No.	CPF Std. Pk.	CPFL6-60V Cat. No.	CPFL6-60V Std. Pk.	CPFL110-240V Cat. No.	CPFL110-240V Std. Pk.
DIN Rail	2511120 CA701-15/S	20 10	– –	– –	– –	– –	– –	– –
End Stop	CA702 CA802 CA103	50 50 50	– – –	– – –	– – –	– – –	– – –	– – –
Internal Jumpers 2 pole 3 pole 4 pole 10 pole 100 pole	CA722/2 CA722/3 CA722/4 CA722/10 CA722/100	100 100 100 10 10	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –	– – – – –
Marking Tag	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

* Current Rating is based on plug used.

10x38 Midget Fuse Holders

E212627

	Pole Configuration	Without Indication	With LED Indication	Fuse Size	Max Voltage & Current IEC	Max Voltage & Current UL	Drawing No.
	PCF 10 & PCF 10 LED						
	1-pole	002550001	002550011	10x38	690V AC / 32A	600V AC/DC / 30A	1
	1-pole+N	002550002	002550012	10x38	690V AC / 32A	600V AC/DC / 30A	1
	2-pole	002550003	002550013	10x38	690V AC / 32A	600V AC/DC / 30A	1
	3-pole	002550004	002550014	10x38	690V AC / 32A	600V AC/DC / 30A	1
	3-pole+N	002550005	002550015	10x38	690V AC / 32A	600V AC/DC / 30A	1
	EFD 10 & EFD 10 LED						
►	**1-pole**	**002540001**	**002540011**	**10x38**	**690V AC/DC / 32A**	**600V AC/DC / 30A**	**2**
►	**1-pole+N**	**002540002**	**002540012**	**10x38**	**690V AC/DC / 32A**	**600V AC/DC / 30A**	**2**
►	**2-pole**	**002540003**	**002540013**	**10x38**	**690V AC/DC / 32A**	**600V AC/DC / 30A**	**2**
►	**3-pole**	**002540004**	**002540014**	**10x38**	**690V AC/DC / 32A**	**600V AC/DC / 30A**	**2**
►	**3-pole+N**	**002540005**	**002540015**	**10x38**	**690V AC/DC / 32A**	**600V AC/DC / 30A**	**2**

CC Type and J Type Fuse Holders

E212627

	Pole Configuration	Without Indication	With LED Indication	Fuse Size	UL Rating SCR	UL Rating Voltage/Amp.	Drawing No.
	PCF CC & PCF CC LED						
	1-pole	002550101	002550111	CC Type	200 kA	600V AC/DC / 30A	1
	2-pole	002550103	002550113	CC Type	200 kA	600V AC/DC / 30A	1
	3-pole	002550104	002550114	CC Type	200 kA	600V AC/DC / 30A	1
	EFD CC & EFD CC LED						
►	**1-pole**	**002540101**	**002540111**	**CC Type**	**200 kA**	**600V AC / 30A**	**2**
►	**2-pole**	**002540103**	**002540113**	**CC Type**	**200 kA**	**600V AC / 30A**	**2**
►	**3-pole**	**002540104**	**002540114**	**CC Type**	**200 kA**	**600V AC / 30A**	**2**
	EFD J30 DC & EFD J30 10 DC LED						
►	**1-pole**	**002570101**	**002570111**	**J-TYPE**	**200 kA**	**600V AC/DC / 30A**	**3**
	2-pole	002570103	002570113	J-TYPE	200 kA	600V AC/DC / 30A	3
	3-pole	002570104	002570114	J-TYPE	200 kA	600V AC/DC / 30A	3

PV Type Fuse Holders

E356295 E356295

	Pole Configuration	Without Indication	With LED Indication	Fuse Size	Max Voltage & Current IEC	Max Voltage & Current UL	Drawing No.
	PCF 10 DC & PCF 10 DC LED						
	1-pole	002550201	002550211	10x38	1000V DC / 25A	1000V DC / 25A	1
	2-pole	002550203	002550213	10x38	1000V DC / 25A	1000V DC / 25A	1
	EFH 10 DC & EFH 10 DC LED						
►	**1-pole**	**002540201**	**002540211**	**10x38**	**1000V DC / 25A**	**1000V DC / 25A**	**2**
►	**2-pole**	**002540203**	**002540213**	**10x38**	**1000V DC / 25A**	**1000V DC / 25A**	**2**
	EFH 14 DC & EFH 14 DC LED						
►	**1-pole**	**002560201**	**002560211**	**14x51**	**1000V DC / 50A**	**1000V DC / 50A**	**3**
►	**2-pole**	**002560203**	**002560213**	**14x51**	**1000V DC / 50A**	**1000V DC / 50A**	**3**

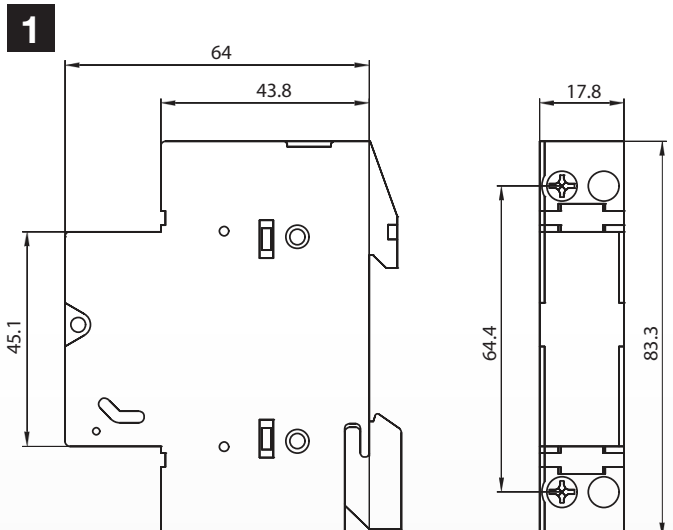
IEC Type Fuse Holders

E212627

	Pole Configuration	Without Indication	With LED Indication	Fuse Size	Max Voltage & Current IEC	Max Voltage & Current UL	Drawing No.
	EFD 14 & EFD 14 LED						
►	**1-pole**	**002560001**	**002560011**	**14x51**	**690V AC / 50A**	**600V AC/DC / 50A**	**3**
	1-pole+N	002560002	002560012	14x51	690V AC / 50A	600V AC/DC / 50A	3
	2-pole	002560003	002560013	14x51	690V AC / 50A	600V AC/DC / 50A	3
	3-pole	002560004	002560014	14x51	690V AC / 50A	600V AC/DC / 50A	3
	3-pole+N	002560005	002560015	14x51	690V AC / 50A	600V AC/DC / 50A	3
	EFD 22 & EFD 22 LED						
►	**1-pole**	**002570001**	**002570011**	**22x58**	**690V AC / 100A**	**600V AC/DC / 100A**	**4**
	1-pole+N	002570002	002570012	22x58	690V AC / 100A	600V AC/DC / 100A	4
	2-pole	002570003	002570013	22x58	690V AC / 100A	600V AC/DC / 100A	4
	3-pole	002570004	002570014	22x58	690V AC / 100A	600V AC/DC / 100A	4
	3-pole+N	002570005	002570015	22x58	690V AC / 100A	600V AC/DC / 100A	4

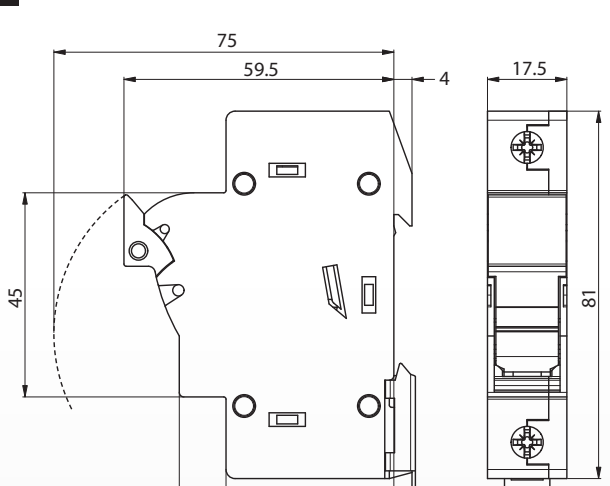
FUSE HOLDERS, 10 x 38 mm and CC Type

1



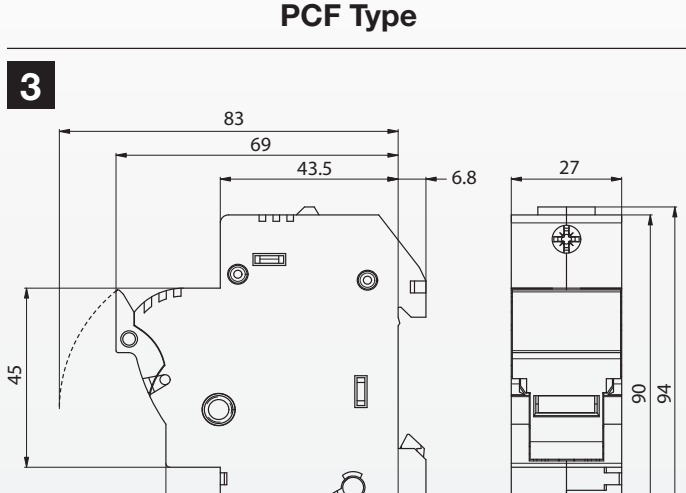
PCF Type

2



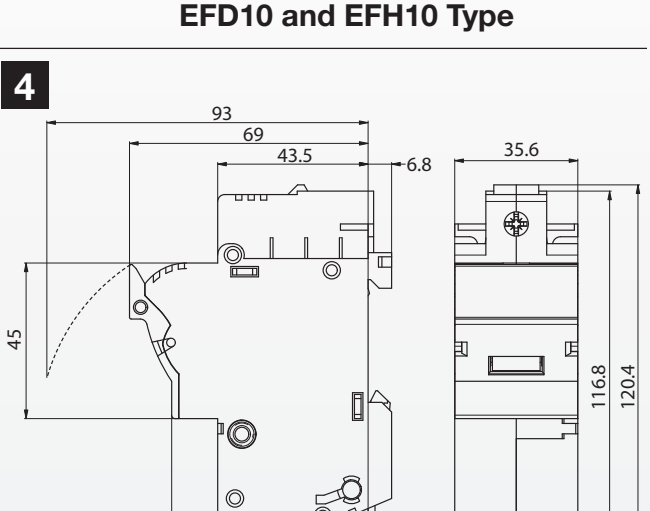
EFD10 and EFH10 Type

3



EFD 14 Type

4



EFD 22 Type

NOTE: All dimensions are shown in millimeters. To convert to inches multiply by 0.03937

Accessories for The Modular Type PCF, EFD and EFH

Modular fuse holders have a unique user configurable feature. By using the modular snap kit (parts sold individually) a customer can configure any pole configuration by inserting the connecting element (3 per pole) into the slot in the side of the fuse holder and then pushing them together and inserting the connecting shaft into the handle.

NOTE: 1 kit suffices for the assembly of 50 sets.

2 Pole Connection Kits

Model No.	Usable with
002540948	EFD 8, EFD 10, EFH 10, PCF 8, PCF 10, EFD CC, PCF CC
002560948	EFD 14, EFH 14
002570948	EFD 22, EFD J30

3 Pole Connection Kits

Model No.	Usable with
002540949	EFD 8, EFD 10, PCF 8, PCF 10, EFD CC, PCF CC
002560949	EFD 14
002570949	EFD 22, EFD J30

Auxiliary Switches

Model No.	Usable with	Type
002559001	PCF 10	1NO/1NC
002569001	EFD 14	1NO/1NC
002579001	EFD 22	1NO/1NC

For Auxiliary switches to operate, a fuse with striker pin must be used.

DISCONNECT AND TEST TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- Slider Style Disconnect Terminals
  - **CDS6U** - Standard Slider Disconnect
  - **CDS6U/TS** - Slider Disconnect with integrated testing points
  - **CDS6U/FT** - Same profile Feed-Through
- Separate Testing points allow insertion of standard test probes
- Disconnect is achieved b operating sliding link wit screw driver
- **SLS2**, **SLS4** slide shorting link system
- **QJ8/2** - Shorting Plug

APPLICATIONS

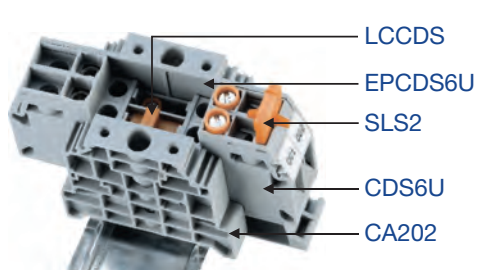
(see following page)

- Disconnect & Test Applications
- Measuring / Control Circuits
- Utility Instruments an Transformer Applications
- Meter Replacement
- External Current Measurement
- Switch Boards

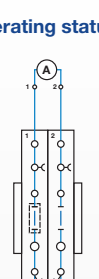
	CDS6U	CDS6U/TS	CDS6U/FT
	Slider Disconnect Terminal	Slider Disconnect Terminal Including Test Sockets	Feed Through Terminal with CDS6U profile
Dimensions & Weight			
Width	**8 mm**	**8 mm**	**6 mm**
Length	82 mm	82 mm	82 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	51.0 mm 59.2 mm	51.0 mm 59.2 mm	51.0 mm 59.2 mm
Weight per piece	33.8 g	33.8 g	21.2 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-8 AWG** / 0.2-6 mm²	**22-8 AWG** / 0.2-6 mm²	**22-8 AWG** / 0.2-6 mm²
Voltage Rating	600 V / 800 V	600 V / 800 V	600 V / 800 V
Current Rating	45 A / 41 A	45 A / 41 A	45 A / 41 A
Torque	14 lb-in / 0.8 Nm	14 lb-in / 0.8 Nm	14 lb-in / 0.8 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey (standard)	**CDS6U** 50	**CDS6U/TS** 50	**CDS6U/FT** 50
Red R	CDS6U/R 50	CDS6U/TS/R 50	CDS6U/FT/R 50
Blue BU	CDS6U/BU 50	CDS6U/TS/BU 50	CDS6U/FT/BU 50
Black BL	CDS6U/BL 50	CDS6U/TS/BL 50	CDS6U/FT/BL 50
Orange O	CDS6U/O 50	CDS6U/TS/O 50	CDS6U/FT/O 50
Green G	CDS6U/G 50	CDS6U/TS/G 50	CDS6U/FT/G 50
Yellow Y	CDS6U/Y 50	CDS6U/TS/Y 50	CDS6U/FT/Y 50
White W	CDS6U/W 50	CDS6U/TS/W 50	CDS6U/FT/W 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCDS6U 50	EPCDS6U 50	EPCDS6U 50
DIN Rail (32mm, 35mm)	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10
End Stop	CA702 50 CA802 50 CA202 25	CA702 50 CA802 50 CA202 25	CA702 50 CA802 50 CA202 25
Internal Jumper 2 pole 3 pole 4 pole 10 pole	CA723/2 100 CA723/3 50 CA723/4 50 CA723/10 10	CA723/2 100 CA723/3 50 CA723/4 50 CA723/10 10	CA723/2 100 CA723/3 50 CA723/4 50 CA723/10 10
Slide Shorting Link 2 pole 3 pole 4 pole	SLS2 50 SLS3 25 SLS4 25	SLS2 50 SLS3 25 SLS4 25	– – – – – –
Insulated Test Socket grey red yellow blue black	TPSLS 100 TPSLSR 100 TPSLSY 100 TPSLSBU 100 TPSLSBK 100	– – – – – – – – – –	– – – – – – – – – –
Lock Out Cap	LCCDS 50	LCCDS 50	– –
Shorting Plug	QJ8/2 25	QJ8/2 25	– –
Marking Tag	MT6 1 Pk. (100 tags)	MT6 1 Pk. (100 tags)	MT8 1 Pk. (100 tags)

Example for CDS6U Test & Disconnect Terminal Block

Single Phase Current Transformer Test Circuit

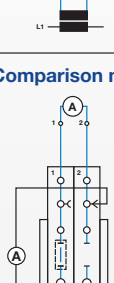


Operating status



SLS2 in open condition

Comparison measurement for L1

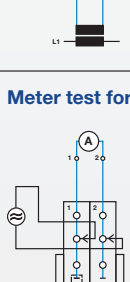


Sequence for test :

1) Remove SLS2 screw from terminal 2.
2) Connect ammeter to test sockets of terminal 2.
3) Open disconnect slide link of terminal 2.

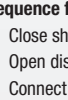
SLS2 in open condition

Meter test for L1 through external power supply



Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2.
3) Connect external power supply to test sockets of terminals 1 and 2.



Closing of SLS2

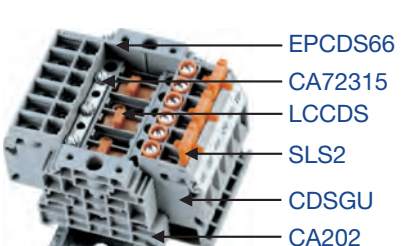
Meter replacement

Sequence for test :

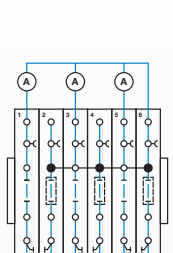
1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 2.
3) Disconnect meter for L1 at terminals 1 and 2.

Closing of SLS2

3 Phase current Transformer Test Set



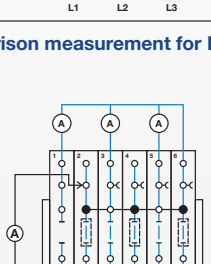
Operating status



(with internal distribution of the k-point)

SLS2 in open condition

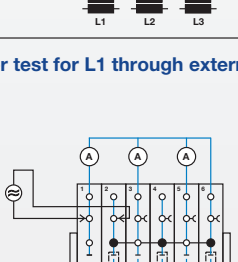
Comparison measurement for L1



Sequence for test :

1) Remove SLS2 screw from terminal 1.
2) Connect ammeter to test sockets of terminal 1 and 2.
3) Open disconnect slide link of terminal 1.

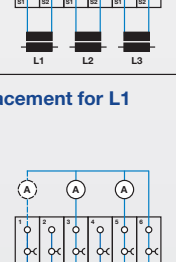
Meter test for L1 through external power supply



Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 1.
3) Connect external power supply to test sockets of terminals 1 and 2.

Meter Replacement for L1



Sequence for test :

1) Close short circuit slide SLS2 of terminals 1 and 2.
2) Open disconnect slide link of terminal 1.
3) Disconnect meter for L1.

BLADE/KNIFE STYLE DISCONNECT TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- Knife / Blade Style Disconnect Terminals
  - **CKT4U** - Standard Knife Disconnect
  - **CKT4U/4** - 4 Connection Knife Disconnect
- Specially designed socket headed screws act as fast monitoring points

APPLICATIONS

- Disconnect & Test Applications

CKT4U

CKT4U/4

Dimensions & Weight

	Knife Style Disconnect 2 Connections	Knife Style Disconnect 4 Connections
Width	**6 mm**	**6 mm**
Length	46.3 mm	65.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	48.3 mm 56.0 mm	54.3 mm 62.0 mm
Weight per piece	10.5 g	16.6 g

Technical Data/Ratings

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Wire Size (solid / stranded)	22-10 AWG	22-10 AWG	0.2-4 mm²	**22-10 AWG**		0.2-4 mm²
Voltage Rating	600 V	600 V	800 V	600 V		800 V
Current Rating	35 A	16 A	28 A	20 A		17.5 A
Torque	7 lb-in	7 lb-in	0.5 Nm	7 lb-in		0.5 Nm
Insulation Material	Polyamide 66			Polyamide 66		

Installation Instructions

Wire Stripping Length	8 mm	8 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**CKT4U**	50	**CKT4U/4**	50
Red	R		CKT4U/R	50	CKT4U/4/R	50
Blue	BU		CKT4U/BU	50	CKT4U/4/BU	50
Black	BL		CKT4U/BL	50	CKT4U/4/BL	50
Orange	O		CKT4U/O	50	CKT4U/4/O	50
Green	G		CKT4U/G	50	CKT4U/4/G	50
Yellow	Y		CKT4U/Y	50	CKT4U/4/Y	50
White	W		CKT4U/W	50	CKT4U/4/W	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCKT4U	50	EPCKT4U/4	50
DIN Rail	32mm 35mm / 35mm	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10
End Stop		CA702	50	CA702	50
		CA802	50	CA802	50
		CA202	25	CA202	25
External Jumper	2 pole	CA714/2	100	CA714/2*	100
	3 pole	CA714/3	100	CA714/3*	100
	4 pole	CA714/4	100	CA714/4*	100
	10 pole	CA714/10	20	CA714/10*	20
Marking Tag		MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

* Insulated External shorting links can be used only in the upper level clamping unit of the Terminal Block.

BLADE/KNIFE STYLE DISCONNECT TERMINAL BLOCKS

CKT4SP

CF4SPFT

CF4SP

Dimensions & Weight

	Knife Style Disconnect Same profile as CF4SP Fuse Block	Feed-Through Terminal Same profile as CF4SP Fuse Block	Fuse Block 5x20 mm Fuse Type
Width	**6 mm**	**6 mm**	**8 mm**
Length	58.5 mm	58.5 mm	57.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	46.0 mm 53.5 mm	46.0 mm 53.5 mm	50.3 mm 57.6 mm
Weight per piece	27.2 g	g	16.9 g

Technical Data/Ratings

Approvals	E220514 / 60947-7-1		E220514 / 60947-7-1		E220514 / 60947-7-1	
Wire Size (solid / stranded)	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	1000 V	600 V	1000 V	600 V	1000 V AC/DC
Current Rating	30 A	28 A	30 A	32 A	10 A	10 A
Torque	4.5 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm	4.5 lb-in	0.5 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	8 mm	8 mm	8 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

Grey (standard)		CKT4SP Cat. No.	CKT4SP Std. Pk.	CF4SPFT Cat. No.	CF4SPFT Std. Pk.	CF4SP Cat. No.	CF4SP Std. Pk.
Red	R	**CKT4SP**	50	**CF4SPFT**	50	**CF4SP**	50
Blue	BU	CKT4SP/R	50	CF4SPFT/R	50	CF4SP/BU	50
Black	BL	CKT4SP/BU	50	CF4SPFT/BU	50	CF4SP/BL	50
Orange	O	CKT4SP/BL	50	CF4SPFT/BL	50		
Green	G	CKT4SP/O	50	CF4SPFT/O	50		
Yellow	Y	CKT4SP/G	50	CF4SPFT/G	50		
White	W	CKT4SP/Y	50	CF4SPFT/Y	50		
		CKT4SP/W	50	CF4SPFT/W	50		

Accessories

		CKT4SP Cat. No.	CKT4SP Std. Pk.	CF4SPFT Cat. No.	CF4SPFT Std. Pk.	CF4SP Cat. No.	CF4SP Std. Pk.
DIN Rail	32mm / 35mm	2511120	20	2511120	20	2511120	20
	35mm	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	–	–
		CA802	50	CA802	50	–	–
		CA202	25	CA202	25	–	–
Internal Jumper	2 pole	CA722/2	100	CA722/2	100	CA722/2	100
	3 pole	CA722/3	100	CA722/3	100	CA722/3	100
	4 pole	CA722/4	100	CA722/4	100	CA722/4	100
	10 pole	CA722/10	10	CA722/10	10	CA722/10	10
	100 pole	CA722/100	10	CA722/100	10	CA722/100	10
Insulated Internal Jumper	2 pole	CA742/2	100	CA742/2	100	CA742/2	100
	3 pole	CA742/3	100	CA742/3	100	CA742/3	100
	4 pole	CA742/4	100	CA742/4	100	CA742/4	100
	10 pole	CA742/10	10	CA742/10	10	CA742/10	10
	100 pole	CA742/100	10	CA742/100	10	CA742/100	10
External Jumper	2 pole	CA714/2	100	CA714/2	100	CA714/2	100
	3 pole	CA714/3	100	CA714/3	100	CA714/3	100
	4 pole	CA714/4	100	CA714/4	100	CA714/4	100
	10 pole	CA714/10	20	CA714/10	20	CA714/10	20
Marking Tag		MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Knife Style Disconnect Terminal
- **CF4SPFT** same profile Feed Through Terminal
- **CF4SP** same profile as Fuse Terminal, 5 x 20 mm Fuse Types

APPLICATIONS

- Control Systems with Fuse Protection
- Fused Control Circuits with alternating configurations (CF4SP, CF4SPFT, CGT4SP)
- Switch Boards

SLIDER STYLE DISCONNECT TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- Slider Style Disconnect Terminals
  - **CDTTU** - Standard Slider Disconnect
  - **CDTTU-SH** - Double Disconnect Terminal
  - **CDTTUFT** - Same profile Feed-Through
- Specially designed socket headed screws act as fast monitoring points
- Disconnect is achieved by operating sliding link with screw driver

APPLICATIONS

- Disconnect & Test Applications

	CDTTU	CDTTU-SH	CDTTUFT
	Slider Disconnect Terminal	Slider Double Disconnect Terminal	Feed Through Terminal Slider Disconnect Profile
Dimensions & Weight			
Width	**8 mm**	**16 mm**	**8 mm**
Length	63 mm	63 mm	63 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	58.7 mm 65.7 mm	58.7 mm 65.7 mm	58.7 mm 65.7 mm
Weight per piece	28.5 g	59.2 g	27.1 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**16-8 AWG** / 1.5-10 mm²	16-8 AWG / 16-8 AWG / 1.5-10 mm²	**16-8 AWG** / 1.5-10 mm²
Voltage Rating	600 V / 800 V	300 V / 300 V / 160 V	600 V / 800 V
Current Rating	41 A / 57 A	25 A / 25 A / 10 A	41 A / 57 A
Torque	14 lb-in / 1.2 Nm	14 lb-in / 14 lb-in / 1.2 Nm	14 lb-in / 1.2 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	12 mm	12 mm	12 mm
Screwdriver	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CDTTU**	50	**CDTTU-SH**	20	**CDTTUFT**	50
Red R	CDTTU/R	50	CDTTU-SH/R	20	CDTTUFT/R	50
Blue BU	CDTTU/BU	50	CDTTU-SH/BU	20	CDTTUFT/BU	50
Black BL	CDTTU/BL	50	CDTTU-SH/BL	20	CDTTUFT/BL	50
Orange O	CDTTU/O	50	CDTTU-SH/O	20	CDTTUFT/O	50
Green G	CDTTU/G	50	CDTTU-SH/G	20	CDTTUFT/G	50
Yellow Y	CDTTU/Y	50	CDTTU-SH/Y	20	CDTTUFT/Y	50
White W	CDTTU/W	50	CDTTU-SH/W	20	CDTTUFT/W	50

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDTTU	50	EPCDTTU	50	EPCDTTU	50
DIN Rail 32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
	CA202	25	CA202	25	CA202	25
Shorting Plug 2 pole	QJ8/2	25	QJ8/2	25	QJ8/2	25
External Jumper 2 pole	CA710/2	100	CA710/2	100	CA710/2	100
3 pole	CA710/3	50	CA710/3	50	CA710/3	50
4 pole	CA710/4	50	CA710/4	50	CA710/4	50
10 pole	CA710/10	20	CA710/10	20	CA710/10	20
Shorting Plug	QJ8/2	25	–	–	QJ8/2	25
Marking Tag	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

LEVER STYLE DISCONNECT TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- Lever Style Disconnect Terminals
  - **CSDL4U** - Standard Lever Disconnect
  - **DDDL4U** - Lever Disconnect with Lower Level Feed-Through
- Same profile as **CAFL4U**

APPLICATIONS

- Disconnect Applications

Dimensions & Weight

		CSDL4U	DDDL4U
		Lever Style Disconnect	Lever Style Disconnect Bottom Level Feed Through
Width		**8 mm**	**8 mm**
Length		58 mm	88 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	44.5 mm 52.0 mm	67.4 mm 74.3 mm
Weight per piece		15.0 g	27.0 g

Technical Data/Ratings

Approvals		CSDL4U		DDDL4U		
		c UL us E220514	c SP us	IEC 60947-7-1	c UL us E220514	c SP us	IEC 60947-7-1
Wire Size (solid / stranded)		**22-10 AWG**	0.2-4 mm²	22-10 AWG	22-10 AWG	0.2-4 mm²
Voltage Rating		600 V	1000 V	600 V	600 V	800 V
Current Rating	Top Bottom	14 A -	10 A -	6.3 A 35 A	14 A 32 A	10 A 32 A
Torque		7 lb-in	0.5 Nm	7 lb-in	7 lb-in	0.5 Nm
Insulation Material		Polyamide 66		Polyamide 66		

Installation Instructions

	CSDL4U	DDDL4U
Wire Stripping Length	9.5 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

		CSDL4U Cat. No.	CSDL4U Std. Pk.	DDDL4U Cat. No.	DDDL4U Std. Pk.
Grey (standard)		**CSDL4U**	100	**DDDL4U**	20
Red	R	CSDL4U/R	100	DDDL4U/R	20
Blue	BU	CSDL4U/BU	100	DDDL4U/BU	20
Black	BL	CSDL4U/BL	100	DDDL4U/BL	20
Orange	O	CSDL4U/O	100	DDDL4U/O	20
Green	G	CSDL4U/G	100	DDDL4U/G	20
Yellow	Y	CSDL4U/Y	100	DDDL4U/Y	20
White	W	CSDL4U/W	100	DDDL4U/W	20

Accessories

		CSDL4U Cat. No.	CSDL4U Std. Pk.	DDDL4U Cat. No.	DDDL4U Std. Pk.
End Plate		EPCSFL4U	50	EPDDFL4U	50
Isolation Partition		PPCSFL4U	50	–	–
DIN Rail		2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10
End Stop		CA702	50	CA702	50
		CA802	50	CA802	50
		CA202	50	CA202	50
Internal Jumper	2 pole	–	–	CA729/2	100
	3 pole	–	–	CA729/3	50
	4 pole	–	–	CA729/4	50
	10 pole	–	–	CA729/10	10
Insulated Jumper	2 pole	–	–	CA749/2	100
	3 pole	–	–	CA749/3	50
	4 pole	–	–	CA749/4	50
	10 pole	–	–	CA749/10	10
External Jumper	2 pole	CA711/2	100	CA711/2	100
	3 pole	CA711/3	50	CA711/3	50
	4 pole	CA711/4	50	CA711/4	50
	10 pole	CA711/10	20	CA711/10	2
Marking Tag	on terminal	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)
	on lever	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

SIDE FEED DISTRIBUTION TERMINAL BLOCKS

CDB4/X(1)

HIGHLIGHTS

FEATURES
- Distribution blocks with various output configurations
- Stud/Bolt to secure incoming wire
- Internally connected terminals
- Side/center feed versions
- up to 150A
- Protective shield for incoming wire

APPLICATIONS
- Simplified distribution systems
- Phase distribution application

INSTALLATION NOTES
- Sum of outgoing wires not to exceed incoming current
- Higher output currents should be connected close to the input

Dimensions & Weight

		50A Distribution Terminal Block Side Feed
Width	6 Outputs	52.0 mm
	8 Outputs	58.0 mm
	10 Outputs	64.0 mm
	12 Outputs	70.0 mm
	14 Outputs	76.0 mm
	22 Outputs	100.0 mm
	24 Outputs	106.0 mm
Length		43 mm
Height w DIN Rail	35 x 7.5 mm	46.2 mm
	35 x 15 mm	53.7 mm

General Specifications

Approvals	c UL us E220514, c SP us, IEC 60947-7-1	
Voltage Rating	600 V	800 V AC/DC
Insulation Material	Polyamide 66	

INPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**10-8 AWG**	6-16 mm²
Current Rating	50 A	64 A
Torque	26 lb-in	2.0 Nm

Installation Instructions

Wire Stripping Length	8 mm
Screwdriver	Hex Nut Driver M8

OUTPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²
Current Rating	35 A	64 A*
Torque	7 lb-in	0.5 Nm

Installation Instructions

Wire Stripping Length	8 mm
Screwdriver	Flat Head 0.6 x 3.5 mm

Terminal Blocks

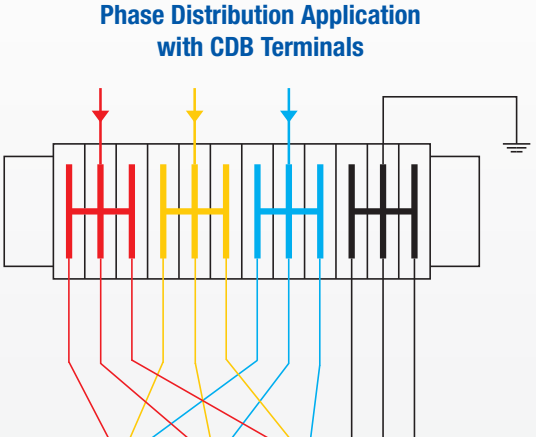
	Cat. No.	Std. Pk.
Grey (standard)		
6 Outputs	CDB4/2(1)	10
8 Outputs	CDB4/3(1)	10
10 Outputs	CDB4/4(1)	10
12 Outputs	CDB4/5(1)	5
14 Outputs	CDB4/6(1)	5
22 Outputs	CDB4/10(1)	5
24 Outputs	CDB4/11(1)	5

Accessories

	Cat. No.	Std. Pk.
DIN Rail (32mm, 35mm)	2511120	20
	CA701-15/S	20
	2511160	10
End Stop	CA702	50
	CA802	50
Marking Tag	MT6	1 Pk. (100 tags)

* Total output current of system

Phase Distribution Application with CDB Terminals



CENTER FEED DISTRIBUTION TERMINAL BLOCKS

CDB4/X	CDB6/X	CDB10/X	CDB25/X

Dimensions & Weight

		50A Distribution Terminal Block Center Feed	100A Distribution Terminal Block Center Feed	130A Distribution Terminal Block Center Feed	150A Distribution Terminal Block Center Feed
Width	4 Outputs	44.0 mm	48.0 mm	-	-
	8 Outputs	56.0 mm	64.0 mm	72.0 mm	88.0 mm
	12 Outputs	68.0 mm	80.0 mm	92.0 mm	112.0 mm
	16 Outputs	80.0 mm	96.0 mm	112.0 mm	136.0 mm
	20 Outputs	96.0 mm	-	-	-
	24 Outputs	108.0 mm	-	-	-
Length		43 mm	48 mm	48 mm	49 mm
Height w DIN Rail	35 x 7.5 mm	46.2 mm	47.8 mm	47.8 mm	57.2 mm
	35 x 15 mm	53.7 mm	55.5 mm	55.5 mm	64.7 mm

General Specifications

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Voltage Rating	600 V		800 V AC/DC	600 V		800 V AC/DC	600 V		800 V AC/DC	600 V		800 V AC/DC
Insulation Material	Polyamide 66			Polyamide 66			Polyamide 66			Polyamide 66		

INPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**10-8 AWG**	6-16 mm²	**10-2 AWG**	6-25 mm²	**8-1/0 AWG**	10-35 mm²	**6-2/0 AWG**	10-50 mm²
Current Rating	50 A	64 A	100 A	82 A	130 A	114 A	150 A	150 A
Torque	26 lb-in	2.0 Nm	35 lb-in	3.0 Nm	53 lb-in	6.0 Nm	53 lb-in	6.0 Nm

Installation Instructions

Wire Stripping Length	8 mm	9 mm	11 mm	14 mm
Screwdriver	Hex Nut Driver M8	Hex Nut Driver M10	Hex Nut Driver M13	Hex Nut Driver M15

OUTPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-8 AWG**	1.5-6 mm²	**22-6 AWG**	1.5-10 mm²	**12-2 AWG**	6-25 mm²
Current Rating (per output)	35 A	32 A	50 A	41 A	65 A	57 A	75 A	75 A
Torque	7 lb-in	0.5 Nm	14 lb-in	0.8 Nm	14 lb-in	1.2 Nm	22 lb-in	2.0 Nm

Installation Instructions

Wire Stripping Length	8 mm	9 mm	11 mm	14 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)								
4 Outputs	CDB4/1	10	CDB6/1	10	-	-	CDB25/1	10
8 Outputs	CDB4/2	10	CDB6/2	10	CDB10/2	10	CDB25/2	10
12 Outputs	CDB4/3	10	CDB6/3	10	CDB10/3	10	CDB25/3	10
16 Outputs	CDB4/4	10	CDB6/4	5	CDB10/4	5	CDB25/4	5
20 Outputs	CDB4/5	5	-	-	-	-	-	-
24 Outputs	CDB4/6	5	-	-	-	-	-	-

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail (32mm, 35mm)	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50	CA802	50
Marking Tag	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)

MULTI I/O DISTRIBUTION TERMINAL BLOCKS

	CMDB4/X	CMDB6/X	CMDB10/X	CMDB25/X

Dimensions

		35 A Distribution Terminal Block	50 A Distribution Terminal Block	65 A Distribution Terminal Block	85 A Distribution Terminal Block
Width	2 pole	13.5 mm	17.5 mm	21.5 mm	26.0 mm
	3 pole	19.5 mm	25.5 mm	31.5 mm	38.0 mm
	4 pole	25.5 mm	33.5 mm	41.5 mm	50.0 mm
	10 pole	61.5 mm	81.5 mm	101.5 mm	62.0 mm
Length		43 mm	48 mm	48 mm	49 mm
Height w DIN Rail	35 x 7.5 mm	46.2 mm	47.8 mm	47.8 mm	57.2 mm
	35 x 15 mm	53.7 mm	55.5 mm	55.5 mm	64.7 mm

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514, CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²	**22-8 AWG**	1.5-6 mm²	**22-6 AWG**	1.5-10 mm²	**12-4 AWG**	6.0-25 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	800V AC/DC
Current Rating	35 A	32 A	50 A	41 A	65 A	57 A	85 A	101 A
Torque	7 lb-in	0.5 Nm	14 lb-in	0.8 Nm	14 lb-in	1.2 Nm	22 lb-in	2.0 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	8 mm	9 mm	11 mm	14 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

4 Outputs

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CMDB4/2**	10	**CMDB6/2**	10	**CMDB10/2**	10	**CMDB25/2**	10
Red	R	CMDB4/2/R	10	CMDB6/2/R	10	CMDB10/2/R	10	CMDB25/2/R	10
Blue	BU	CMDB4/2/BU	10	CMDB6/2/BU	10	CMDB10/2/BU	10	CMDB25/2/BU	10
Black	BL	CMDB4/2/BL	10	CMDB6/2/BL	10	CMDB10/2/BL	10	CMDB25/2/BL	10

6 Outputs

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CMDB4/3**	10	**CMDB6/3**	10	**CMDB10/3**	10	**CMDB25/3**	10
Red	R	CMDB4/3/R	10	CMDB6/3/R	10	CMDB10/3/R	10	CMDB25/3/R	10
Blue	BU	CMDB4/3/BU	10	CMDB6/3/BU	10	CMDB10/3/BU	10	CMDB25/3/BU	10
Black	BL	CMDB4/3/BL	10	CMDB6/3/BL	10	CMDB10/3/BL	10	CMDB25/3/BL	10

8 Outputs

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CMDB4/4**	10	**CMDB6/4**	10	**CMDB10/4**	10	**CMDB25/4**	10
Red	R	CMDB4/4/R	10	CMDB6/4/R	10	CMDB10/4/R	10	CMDB25/4/R	10
Blue	BU	CMDB4/4/BU	10	CMDB6/4/BU	10	CMDB10/4/BU	10	CMDB25/4/BU	10
Black	BL	CMDB4/4/BL	10	CMDB6/4/BL	10	CMDB10/4/BL	10	CMDB25/4/BL	10

20 Outputs

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CMDB4/10**	10	**CMDB6/10**	10	**CMDB10/10**	5	**CMDB25/10**	10
Red	R	CMDB4/10/R	10	CMDB6/10/R	10	CMDB10/10/R	5	CMDB25/10/R	10
Blue	BU	CMDB4/10/BU	10	CMDB6/10/BU	10	CMDB10/10/BU	5	CMDB25/10/BU	10
Black	BL	CMDB4/10/BL	10	CMDB6/10/BL	10	CMDB10/10/BL	5	CMDB25/10/BL	10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail (32mm, 35mm)	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50	CA802	50
Marking Tag	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)

COMPACT HYBRID DISTRIBUTION TERMINAL BLOCKS

	CXDB35/10	CXDB35/10A
	1 Flat Head Screw Input 4 Spring Clamp Outputs	1 Hex Screw Input 4 Spring Clamp Outputs

Dimensions & Weight

Width	**16 mm**	**16 mm**
Length	81.6 mm	81.6 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	46.8 mm 54.3 mm	46.8 mm 54.3 mm
Weight per piece	53.2 g	53.2 g

General Specifications

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC
Insulation Material	Polyamide 66		Polyamide 66	

INPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**14-2 AWG**	1.5-35 mm²	**14-2 AWG**	1.5-35 mm²
Current Rating	115 A	125 A	115 A	125 A
Torque	25 lb-in	2.5 Nm	25 lb-in	2.5 Nm

Installation Instructions

Wire Stripping Length	17 mm		17 mm	
Screwdriver	Flat Head 1.0 x 5.5 mm		Hex Screw M5	

OUTPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**24-8 AWG**	0.2-10 mm²	**24-8 AWG**	0.2-10 mm²
Current Rating	41 A	41 A	41 A	41 A

Installation Instructions

Wire Stripping Length	15 mm		15 mm	
Screwdriver	Flat Head 0.8 x 4 mm		Flat Head 0.8 x 4 mm	

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CXDB35/10**	20	**CXDB35/10A**	20

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Clamp	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Jumpers	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10
Marking Tag	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

HIGHLIGHTS

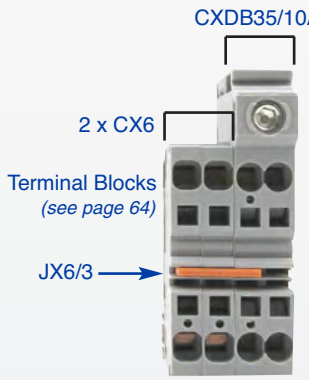
FEATURES

- Hybrid Distribution Terminal Block
  - Screw input (115A)
  - 4 spring clamp outputs (4 x41A)
- Modular system
- Standard slot & hex screw versions
- Expandable with standard CX Series jumpers and terminal blocks
- Easy Installation

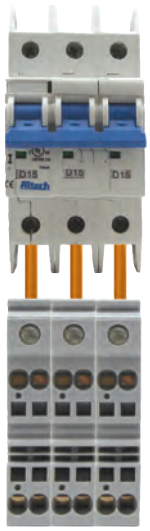
APPLICATIONS

- Miniature Circuit Breaker (MCB) distribution
- Limited space distribution

Output Expansion



MCB Distribution Example



GROUNDING NEUTRAL CLAMPS

HIGHLIGHTS

FEATURES
- 3 Clamp Sizes
- Panel Mount
  - NES
  - NEB6
- DIN Rail Mount
  - CA202
  - NEB10
- Tin Plated Copper Busbars
- Busbar Current rating 140A Standard Color: Green
- Various colors

APPLICATIONS
- Grounding Solution
- Terminating Neutral an Grounding Wires to a single busbar
- Distribution Applications

Dimensions & Weight

	CENC4	CENC16	CENC35
Width	**7.5 mm**	**9.8 mm**	**14.5 mm**
Length	23.3 mm	23.3 mm	27.3 mm
Weight per piece	8 g	10.5 g	20 g

Technical Data/Ratings

	CENC4			CENC16			CENC35		
Approvals	cULus E220514	CSA	IEC 60947-7-2	cULus E220514	CSA	IEC 60947-7-2	cULus E220514	CSA	IEC 60947-7-2
Wire Size (solid / stranded)	**22-12 AWG**	22-12 AWG	0.2-6 mm²	**10-6 AWG**	10-6 AWG	10-16 mm²	**8-2 AWG**	8-2 AWG	10-35 mm²
Voltage Rating	600 V	600 V	800 V	600 V	600 V	800 V	600 V	600 V	800 V
Current Rating	-	-	37 A	-	-	76 A	-	-	125 A
Torque	14 lb-in	14 lb-in	0.8 Nm	17.5 lb-in	17.5 lb-in	2.0 Nm	25 lb-in	25 lb-in	2.5 Nm
Insulation Material	Polyamide 66			Polyamide 66			Polyamide 66		

Installation Instructions

	CENC4	CENC16	CENC35
Wire Stripping Length	12 mm	16 mm	16 mm
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

		CENC4 Cat. No.	CENC4 Std. Pk.	CENC16 Cat. No.	CENC16 Std. Pk.	CENC35 Cat. No.	CENC35 Std. Pk.
Green (standard)		**CENC4**	50	**CENC16**	50	**CENC35**	50
Black	BL	CENC4/BL	50	CENC16/BL	50	CENC35/BL	50
Blue	BU	CENC4/BU	50	CENC16/BU	50	CENC35/BU	50
Grey	GR	CENC4/GR	50	CENC16/GR	50	CENC35/GR	50
Yellow	Y	CENC4/Y	50	CENC16/Y	50	CENC35/Y	50

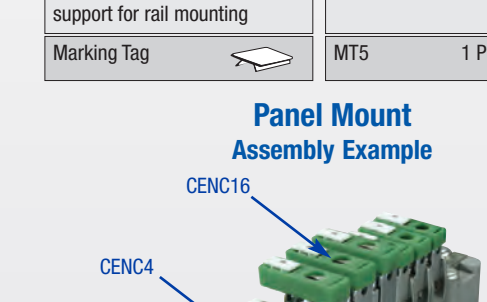
Mounting Accessories Panel Mount

	CENC4 Cat. No.	CENC4 Std. Pk.	CENC16 Cat. No.	CENC16 Std. Pk.	CENC35 Cat. No.	CENC35 Std. Pk.
Busbar (6 x 6 mm)	NEB6	1 m	NEB6	1 m	NEB6	1 m
Plastic Support with Fixing Screw	NES	50	NES	50	NES	50
Marking Tag	MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

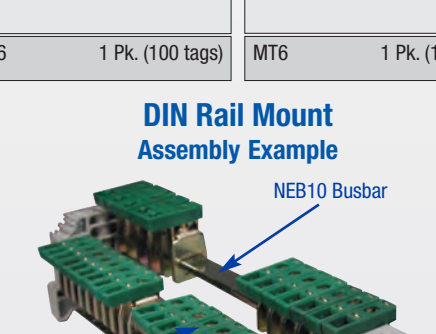
Mounting Accessories DIN Rail Mount

	CENC4 Cat. No.	CENC4 Std. Pk.	CENC16 Cat. No.	CENC16 Std. Pk.	CENC35 Cat. No.	CENC35 Std. Pk.
Busbar (10 x 3 mm)	NEB10	1 m	NEB10	1 m	NEB10	1 m
End Clamp/Busbar support for rail mounting	CA202	50	CA202	50	CA202	50
Marking Tag	MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

Panel Mount Assembly Example



DIN Rail Mount Assembly Example



	CHV4U	CHV6U	CHV10U

Dimensions & Weight

Width	**6 mm**	**8 mm**	**10 mm**
Length	52 mm	52 mm	52 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	63.4 mm 70.8 mm	63.4 mm 70.8 mm	63.4 mm 70.8 mm
Weight per piece	11.0 g	16.0 g	21.6 g

Technical Data/Ratings

Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG** / 0.2-4 mm²	**22-8 AWG** / 0.2-6 mm²	**20-6 AWG** / 0.2-10 mm²
Voltage Rating	1000 V / 1500 V AC/DC	1000 V / 1500 V AC/DC	1000 V / 1500 V AC/DC
Current Rating	35 A / 32 A	50 A / 41 A	65 A / 57 A
Torque	7 lb-in / 0.5 Nm	14 lb-in / 0.8 Nm	14 lb-in / 1.2 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

Wire Stripping Length	12 mm	14 mm	14 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

Grey (standard)		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Red	R	**CHV4U**	50	**CHV6U**	50	**CHV10U**	50
Blue	BU	CHV4U/R	50	CHV6U/R	50	CHV10U/R	50
Black	BL	CHV4U/BU	50	CHV6U/BU	50	CHV10U/BU	50
Orange	O	CHV4U/BL	50	CHV6U/BL	50	CHV10U/BL	50
Green	G	CHV4U/O	50	CHV6U/O	50	CHV10U/O	50
Yellow	Y	CHV4U/G	50	CHV6U/G	50	CHV10U/G	50
White	W	CHV4U/Y	50	CHV6U/Y	50	CHV10U/Y	50
		CHV4U/W	50	CHV6U/W	50	CHV10U/W	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPUSC	50	EPUSC	50	EPUSC	50
Separator Plate		SP2.5/4UN	50	SP2.5/4UN	50	SP2.5/4UN	50
DIN Rail	32mm 35mm / 35mm	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA202	25	CA202	25	CA202	25
Internal Jumper	2 pole	CA623/2	100	CA624/2	100	CA625/2	100
	3 pole	CA623/3	100	CA624/3	100	CA625/3	100
	4 pole	CA623/4	100	CA624/4	100	CA625/4	100
	10 pole	CA623/10	10	CA624/10	10	CA625/10	10
	100 pole						
Marking Tag		MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- High Voltage Terminal Blocks
- 1000V UL Rating
- 1500V IEC DC Rating
- Same Profile on all Current Ratings

APPLICATIONS

- Solar Applications
- High Voltage Applications

CTT2.5UK/J/T/E

CTT2.5UX

HIGHLIGHTS

FEATURES

- Thermocouple terminal blocks are used to extend thermocouple compensating lines in measuring circuits
- The current bar of the terminal block is made of the same material as the thermocouple wire (As per EN 60584/DINEN 60584)
- No loss of potential at the connection points
- Available types:
  K Type - Chromel (NiCr), Alumel (Ni)
  J Type - Iron (Fe), Constantan (CuNi)
  T Type - Copper (Cu), Constantan (CuNi)
  E Type - Chromel (NiCr), Constantan (CuNi)

APPLICATIONS

- Measurement applications

Dimensions & Weight

Width		**10 mm**
Length		43 mm
Height w DIN Rail	35 x 7.5 mm 35 x 15 mm	46.2 mm 53.7 mm
Weight per piece		12.4 g

Technical Data/Ratings

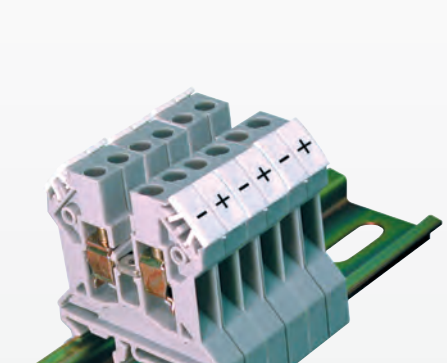
Approvals		IEC 60947-7-1
Wire Size (solid / stranded)	22-14 AWG	0.2-2.5 mm²
Voltage Rating		1000 V AC/DC
Current Rating		10 A
Torque		7 lb-in / 0.4 Nm
Insulation Material		Polyamide 66

Installation Instructions

Wire Stripping Length	8 mm
Screwdriver	Flat Head 0.5 x 3 mm

Terminal Blocks

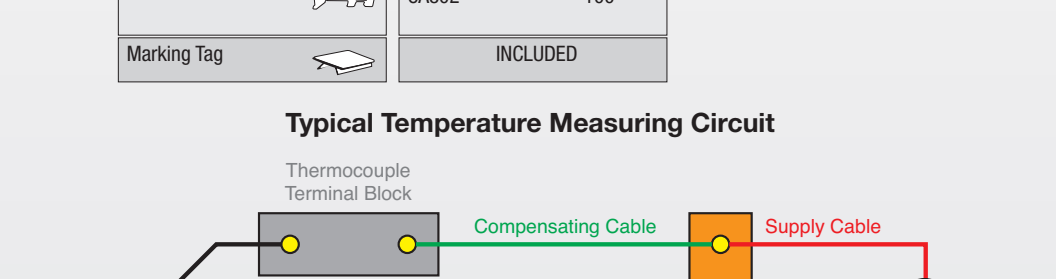
	Cat. No.	Std. Pk.
Grey		
U Type	**CTT2.5UK**	50
J Type	**CTT2.5UJ**	50
T Type	**CTT2.5UT**	50
G Type	**CTT2.5UG**	50



Accessories

	Cat. No.	Std. Pk.
End Plate	EP2.5/4UN	50
Partition Plate	PP2.5/4UN	50
DIN Rail (32mm, 35mm, 35mm)	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802	100 100
Marking Tag	INCLUDED	

Typical Temperature Measuring Circuit



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CTC4U

Dimensions & Weight

Width	**6 mm**
Length	47 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	51.2 mm 58.8 mm
Weight per piece	8.0 g

Technical Data/Ratings

Approvals	IEC 60947-7-1
Wire Size (solid | stranded)	0.2-4.0 mm² | 24-12 AWG
Voltage Rating	300 V
Current Rating	32 A
Tab (Blade) Size	6.3 x 0.8 mm
Insulation Material	Polyamide 66

Installation Instructions

Wire Stripping Length	9 mm

Terminal Blocks

		Cat. No.	Std. Pk.
Grey (standard)		**CTC4U**	100
Red	R	CTC4U/R	100
Blue	BU	CTC4U/BU	100
Black	BL	CTC4U/BL	100
Orange	O	CTC4U/O	100
Green	G	CTC4U/G	100
Yellow	Y	CTC4U/Y	100
White	W	CTC4U/W	100

Accessories

	Cat. No.	Std. Pk.
End Plate	EPCTC4U	50
DIN Rail (32mm, 35mm)	2511120	20
	CA701-15/S	20
	2511160	10
End Stop	CA702	100
	CA802	100
Test Socket	CA707/TS/01	
Marking Tag	MT6	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Standard tab connection terminals
- Quick-Connect Tabs

APPLICATIONS

- Transportation
- Railroad Applications

HIGHLIGHTS

FEATURES

- Feed Through Terminals with Springs below clamps
- High torque screws
- Built-in springs guarantee secure connection even when screw is not tight
- 4 mm, 6 mm, 10mm terminal blocks with same size profile
- It is recommended to use hook type lugs/ ferrules for wire termination
- Both, high-torque screws and built-in spring
- Various disconnect terminals

APPLICATIONS

- Vibration Applications
- Projects which follow the following safety regulations:
  - Electric Supply Standard (ESI)
  - British CEGB Standard
  - NTPC standard

	CTS4USC	CTS6USC	CTS10USC
Dimensions & Weight	Feed Through Terminal Spring Loaded	Feed Through Terminal Spring Loaded	Feed Through Terminal Spring Loaded
Width	**6 mm**	**8 mm**	**10 mm**
Length	52 mm	52 mm	52 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	63.4 mm 70.8 mm	63.4 mm 70.8 mm	63.4 mm 70.8 mm
Weight per piece	13.0 g	10.0 g	12.6 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG** / 0.2-4 mm²	**22-8 AWG** / 0.2-6 mm²	**20-6 AWG** / 0.2-10 mm²
Voltage Rating	600 V / 1500V AC/DC	1000 V / 1500V AC/DC	1000 V / 1500V AC/DC
Current Rating	35 A / 32 A	50 A / 41 A	**65 A** / 57 A
Torque	7 lb-in / 0.5 Nm	14 lb-in / 0.8 Nm	14 lb-in / 1.2 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	12 mm	14 mm	14 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm

Terminal Blocks		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CTS4USC**	50	**CTS6USC**	50	**CTS10USC**	50
Red	R	CTS4USC/R	50	CTS6USC/R	50	CTS10USC/R	50
Blue	BU	CTS4USC/BU	50	CTS6USC/BU	50	CTS10USC/BU	50
Black	BL	CTS4USC/BL	50	CTS6USC/BL	50	CTS10USC/BL	50
Orange	O	CTS4USC/O	50	CTS6USC/O	50	CTS10USC/O	50
Green	G	CTS4USC/G	50	CTS6USC/G	50	CTS10USC/G	50
Yellow	Y	CTS4USC/Y	50	CTS6USC/Y	50	CTS10USC/Y	50
White	W	CTS4USC/W	50	CTS6USC/W	50	CTS10USC/W	50

Accessories		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPUSC	50	EPUSC	50	EPUSC	50
Separator Plate		SP2.5/4UN	50	SP2.5/4UN	50	SP2.5/4UN	50
DIN Rail	32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	100	CA702	100	CA702	100
		CA802	50	CA802	50	CA802	50
		CA202	50	CA202	50	CA202	50
Hook Type Lug / Ferrule	1.5 mm² 2.5 mm² 4 mm² 6 mm² 10 mm²	CA604/1	100	CA604/1	100	CA604/1	100
		CA604/2	100	CA604/2	100	CA604/2	100
		CA604/5	100	CA604/5	100	CA604/5	100
		–	–	CA604/4	100	CA604/4	100
		–	–	–	–	CA604/3	100
Pre Assembled Jumpers	2 pole 3 pole 4 pole 10 pole	CA623/2	100	CA624/2	100	CA625/2	100
		CA623/3	100	CA624/3	100	CA625/3	100
		CA623/4	100	CA624/4	100	CA625/4	100
		CA623/10	10	CA624/10	10	CA625/10	10
Marking Tag		MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)

	CKT4SPSC	CDS6U/SC	CDTTUSC	CDTTUFTSC
Dimensions & Weight	Knife Disconnect Spring Loaded Terminal	Slider Disconnect Spring Loaded Terminal	Slider Disconnect Spring Loaded Terminal	Feed Through Terminal Same profile as CDTTUSC
Width	**6 mm**	**8 mm**	**8 mm**	**8 mm**
Length	58.5 mm	82 mm	63 mm	63 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	46.0 mm 53.5 mm	51.0 mm 59.2 mm	58.7 mm 65.7 mm	58.7 mm 65.7 mm
Weight per piece	14.1 g	30.9 g	31.0 g	25.4 g
Technical Data/Ratings				
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**24-10 AWG** / 0.2-4 mm²	**22-8 AWG** / 0.2-6 mm²	**16-8 AWG** / 1.5-10 mm²	**16-8 AWG** / 1.5-10 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 800V AC/DC	600 V / 800V AC/DC	600 V / 800V AC/DC
Current Rating	30 A / 28 A	45 A / 41 A	**41 A** / 57 A	**41 A** / 57 A
Torque	4.5 lb-in / 0.5 Nm	14 lb-in / 0.8 Nm	14 lb-in / 1.2 Nm	14 lb-in / 1.2 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions				
Wire Stripping Length	8 mm	10 mm	12 mm	12 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CKT4SPSC**	50	**CDS6U/SC**	50	**CDTTUSC**	50	**CDTTUFTSC**	50
Red R	CKT4SPSC/R	50	CDS6U/SC/R	50	CDTTUSC/R	50	CDTTUFTSC/R	50
Blue BU	CKT4SPSC/BU	50	CDS6U/SC/BU	50	CDTTUSC/BU	50	CDTTUFTSC/BU	50
Black BL	CKT4SPSC/BL	50	CDS6U/SC/BL	50	CDTTUSC/BL	50	CDTTUFTSC/BL	50
Orange O	CKT4SPSC/O	50	CDS6U/SC/O	50	CDTTUSC/O	50	CDTTUFTSC/O	50
Green G	CKT4SPSC/G	50	CDS6U/SC/G	50	CDTTUSC/G	50	CDTTUFTSC/G	50
Yellow Y	CKT4SPSC/Y	50	CDS6U/SC/Y	50	CDTTUSC/Y	50	CDTTUFTSC/Y	50
White W	CKT4SPSC/W	50	CDS6U/SC/W	50	CDTTUSC/W	50	CDTTUFTSC/W	50

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	–	–	EPCDS6U	50	EPCDTTU	50	EPCDTTU	50
DIN Rail (32mm / 35mm)	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
End Stop	CA702	100	CA702	100	CA702	100	CA702	100
	CA802	50	CA802	50	CA802	50	CA802	50
	CA202	50	CA202	50	CA202	50	CA202	50
Pre Assembled Jumpers 2 pole	CA722/2	100	CA723/2	100	–	–	–	–
3 pole	CA722/3	100	CA723/3	50	–	–	–	–
4 pole	CA722/4	100	CA723/4	50	–	–	–	–
10 pole	CA722/10	10	CA723/10	10	–	–	–	–
100 pole	CA722/100	10	–	–	–	–	–	–
Insulated Jumpers 2 pole	CA742/2	100	–	–	–	–	–	–
3 pole	CA742/3	100	–	–	–	–	–	–
4 pole	CA742/4	100	–	–	–	–	–	–
10 pole	CA742/10	10	–	–	–	–	–	–
100 pole	CA742/100	10	–	–	–	–	–	–
External Jumpers 2 pole	CA714/2	100	–	–	CA710/2	100	CA710/2	100
3 pole	CA714/3	100	–	–	CA710/3	50	CA710/3	50
4 pole	CA714/4	100	–	–	CA710/4	50	CA710/4	50
10 pole	CA714/10	20	–	–	CA710/10	20	CA710/10	20
Shorting Plug	–	–	–	–	QJ8/2	25	–	–
Marking Tag	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

DIODE CIRCUIT TERMINAL BLOCKS

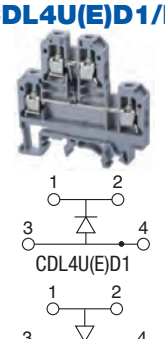
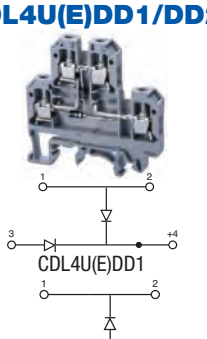
HIGHLIGHTS

FEATURES

- Various configurations of Electronic components soldered into **CDL4U** double level terminal block
- Various Diode / Resistor combinations
- 4 connection points for convenient wiring
- Terminal Block with open current bar **CDL4U(O)** can be individually soldered with electronic components
- Spacer **CDL4USP** can be used to cover overlapping components when soldered individually

APPLICATIONS

- Reverse polarity protection
- Lamp testing

	CDL4U(E)D1/D2	CDL4U(E)D3	CDL4U(E)DD1/DD2
			
Dimensions & Weight	Arc Suppression circuit diode for contactors and solenoid valves	Diode reverse polarity protection	Diode circuit for lamp testing
Width	**6 mm**	**6 mm**	**6 mm**
Length	55.5 mm	55.5 mm	55.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm
Weight per piece	13.6 g	13.4 g	13.4 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²
Voltage Rating	600 V / 300 V / 500 V AC	600 V / 300 V / 500 V AC	600 V / 300 V / 500 V AC
Current Rating	35 A / 25 A / 32 A	35 A / 25 A / 32 A	35 A / 25 A / 32 A
Torque	7 lb-in / 0.5 Nm	7 lb-in / 0.5 Nm	7 lb-in / 0.5 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Electronic Component Specifications			
Diode Type	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	-	-	-
Installation Instructions			
Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

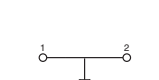
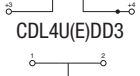
Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CDL4U(E)D1** **CDL4U(E)D2**	100 100	**CDL4U(E)D3**	100	**CDL4U(E)DD1** **CDL4U(E)DD2**	100 100

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50	CDL4USP	50
DIN Rail (32mm, 35mm, 35mm)	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper 2 pole 3 pole 4 pole 10 pole	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

CDL4U SPACER

Spacer to cover electronic components which stick out of CDL4U(O)

Cat. No.	Std. Pk.
CDL4USP	50

	CDL4U(E)DD3/DD4	CDL4U(E)D4	CDL4U(E)DD5
	CDL4U(E)DD3	CDL4U(E)D4	 CDL4U(E)DD5
	 CDL4U(E)DD4		

Dimensions & Weight

	Diode circuit for lamp testing	Diode circuit for lamp testing with LED series resistance	Diode circuit for lamp testing with LED series resistance
Width	**6 mm**	**6 mm**	**6 mm**
Length	55.5 mm	55.5 mm	55.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm
Weight per piece	13.6 g	13.6 g	13.6 g

Technical Data/Ratings

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**		0.2-4 mm²	**22-10 AWG**		0.2-4 mm²	**22-10 AWG**		0.2-4 mm²
Voltage Rating	600 V	300 V	500 V AC	600 V	300 V	500 V AC	600 V	300 V	500 V AC
Current Rating	35 A	25 A	32 A	35 A	25 A	32 A	35 A	25 A	32 A
Torque	7 lb-in		0.5 Nm	7 lb-in		0.5 Nm	7 lb-in		0.5 Nm
Insulation Material	Polyamide 66			Polyamide 66			Polyamide 66		

Electronic Component Specifications

Diode Type	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	-	-	-

Installation Instructions

Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CDL4U(E)DD3** **CDL4U(E)DD4**	100 100	**CDL4U(E)D4/12V** **CDL4U(E)D4/24V**	100 100	**CDL4U(E)DD5/12V** **CDL4U(E)DD5/24V**	100 100

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50	CDL4USP	50
DIN Rail 32mm / 35mm / 35mm	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper 2 pole 3 pole 4 pole 10 pole	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

INDICATOR TERMINAL BLOCKS

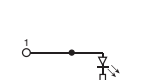
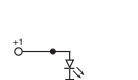
HIGHLIGHTS

FEATURES

- Various configurations of Electronic components soldered into **CDL4U** double level terminal block
- Various Indicator options
- AC voltage indicator
- DC voltage indicator
- LED and Neon lamp versions
- 4 connection points for convenient wiring
- Terminal Block with open current bar **CDL4U(O)** can be individually soldered with electronic components
- Spacer **CDL4USP** can be used to cover overlapping components when soldered individually

APPLICATIONS

- AC voltage indication
- DC voltage indication

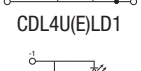
	CDL4U(E)N1	**CDL4U(E)LD5**	**CDL4U(E)LD3**
	CDL4U(E)N1	 CDL4U(E)LD5	 CDL4U(E)LD3
Dimensions & Weight	AC Voltage indicator with Neon lamp	AC Voltage indicator with LED	AC Voltage indicator with LED
Width	**6 mm**	**6 mm**	**6 mm**
Length	55.5 mm	55.5 mm	55.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm
Weight per piece	13.6 g	12.4 g	12.4 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²
Voltage Rating	600 V / 300 V / 500 V AC	600 V / 300 V / 500 V AC	600 V / 300 V / 500 V AC
Current Rating	35 A / 25 A / 32 A	35 A / 25 A / 32 A	35 A / 25 A / 32 A
Torque	7 lb-in / 0.5 Nm	7 lb-in / 0.5 Nm	7 lb-in / 0.5 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Electronic Component Specifications			
Diode Type	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	110, 220 VAC	24, 48, 110, 220 VAC	12, 24 VAC
Installation Instructions			
Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CDL4U(E)N1/110V** **CDL4U(E)N1/220V**	100 100	**CDL4U(E)LD5/24V** **CDL4U(E)LD5/48V** **CDL4U(E)LD5/110V** **CDL4U(E)LD5/220V**	100 100 100 100	**CDL4U(E)LD3/12V** **CDL4U(E)LD3/24V**	100 100
Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50	CDL4USP	50
DIN Rail (32mm, 35mm)	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802	50 50	CA702 CA802	50 50	CA702 CA802	50 50
Internal Jumper (2 pole, 3 pole, 4 pole, 10 pole)	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10	CA727/2 CA727/3 CA727/4 CA727/10	100 100 100 10
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

INDICATOR TERMINAL BLOCKS

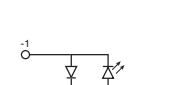
CDL4U(E)LD1/LD2

CDL4U(E)LD1



CDL4U(E)LD2

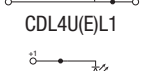
CDL4U(E)LD4



CDL4U(E)LD4

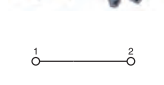
CDL4U(E)L1/L2

CDL4U(E)L1



CDL4U(E)L2

CDL4U(O)



CDL4U(O)

Dimensions & Weight

	DC Voltage Indicator with LED	AC Voltage indicator with LED	DC Voltage Indicator with LED	Terminal Block with open current to solder custom components
Width	**6 mm**	**6 mm**	**6 mm**	**6 mm**
Length	55.5 mm	55.5 mm	55.5 mm	55.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm	55.7 mm 63.1 mm
Weight per piece	12.4 g	12.4 g	12.4 g	13.0 g

Technical Data/Ratings

Approvals	c UL us E220514		c SP us 60947-7-1	c UL us E220514		c SP us 60947-7-1	c UL us E220514		c SP us 60947-7-1	c UL us E220514		c SP us 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**		0.2-4 mm²	**22-10 AWG**		0.2-4 mm²	**22-10 AWG**		0.2-4 mm²	**22-10 AWG**		0.2-4 mm²
Voltage Rating	600 V	300 V	500 V AC	600 V	300 V	500 V AC	600 V	300 V	500 V AC	600 V	300 V	500 V AC
Current Rating	35 A	25 A	32 A	35 A	25 A	32 A	35 A	25 A	32 A	35 A	35 A	32 A
Torque	7 lb-in		0.5 Nm	7 lb-in		0.5 Nm	7 lb-in		0.5 Nm	7 lb-in		0.5 Nm
Insulation Material	Polyamide 66			Polyamide 66			Polyamide 66			Polyamide 66		

Electronic Component Specifications

Diode Type	1N 4007	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	12, 24 VAC	24, 48 VAC	6, 24 VAC	-

Installation Instructions

Wire Stripping Length	9 mm	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CDL4U(E)LD1/12V**	100	**CDL4U(E)LD4/24V**	100	**CDL4U(E)L1/6V**	100	**CDL4U(O)**	100
	CDL4U(E)LD1/24V	100	**CDL4U(E)LD4/48V**	100	**CDL4U(E)L1/24V**	100		
	CDL4U(E)LD2/12V	100			**CDL4U(E)L2/6V**	100		
	CDL4U(E)LD2/24V	100			**CDL4U(E)L2/24V**	100		

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50	CDL4USP	50	CDL4USP	50
DIN Rail 32mm 35mm 35mm	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50	CA802	50
Internal Jumper 2 pole	CA727/2	100	CA727/2	100	CA727/2	100	CA727/2	100
3 pole	CA727/3	100	CA727/3	100	CA727/3	100	CA727/3	100
4 pole	CA727/4	100	CA727/4	100	CA727/4	100	CA727/4	100
10 pole	CA727/10	10	CA727/10	10	CA727/10	10	CA727/10	10
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

SURGE SUPPRESSOR TERMINAL BLOCKS

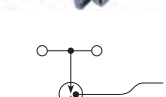
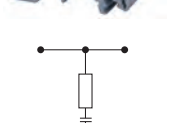
HIGHLIGHTS

FEATURES

- Various solutions to protect single lines against surges
- Lightning Arrestors (**CDL4U(E)LA**)
- MOVs (**CDL4U(E)MOV**)
- RC Circuits (**CDL4U(E)RC**)
- Suppressor Diode (**CDL4U(E)SD**)

APPLICATIONS

- Surge suppressor applications
- Equipment protection

	CDL4U(E)LA	CDL4U(E)3LA	CDL4U(E)RC
	CDL4U(E)LA	 CDL4U(E)3LA	 CDL4U(E)RC
	Lightning Arrestor to protect data and signal lines	3 pole lightning arrestor to protect line / line and line / earth surges	RC circuit to protect DC solenoid valves and contactors

Dimensions & Weight

		CDL4U(E)LA	CDL4U(E)3LA	CDL4U(E)RC
Width		**18 mm**	**18 mm**	**18 mm**
Length		55.5 mm	55.5 mm	55.5 mm
Height w DIN Rail	35 x 7.5 mm	55.7 mm	55.7 mm	55.7 mm
	35 x 15 mm	63.1 mm	63.1 mm	63.1 mm
Weight per piece		30.0 g	34.2 g	22.4 g

Technical Data/Ratings / Component Specifications

	CDL4U(E)LA	CDL4U(E)3LA	CDL4U(E)RC
Wire Size (solid / stranded)	22-10 AWG	22-10 AWG	22-10 AWG
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Nominal Current	10 A	5 A	-
Peak Current	-	-	2kA-6.5kA (8/20μs)
Nominal Discharge Current	20 KA (8/20μs)	10 KA (8/20μs)	-
Response Time	100 ns	100 ns	< 25 ns
Capacitance	< 1.5 pf	< 1.0 pf	100 - 20,000 pf
Voltage Rating	75, 90, 230, 600, 1000 V DC	90, 230, 350, 600 V DC	30, 60, 75, 130, 275, 460, 510, 625, 680 V AC

Installation Instructions

	CDL4U(E)LA	CDL4U(E)3LA	CDL4U(E)RC
Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

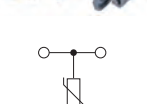
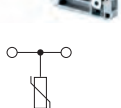
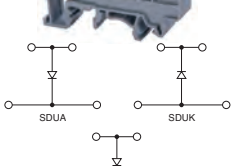
Terminal Blocks

	CDL4U(E)LA Cat. No.	Std. Pk.	CDL4U(E)3LA Cat. No.	Std. Pk.	CDL4U(E)RC Cat. No.	Std. Pk.
Grey	**CDL4U(E)LA/75V**	**20**	**CDL4U(E)3LA/90V**	**20**	0.1 μF	
	CDL4U(E)LA/90V	**20**	**CDL4U(E)3LA/230V**	**20**	**CDL4U(E)RC0.1**	**10**
	CDL4U(E)LA/230V	**20**	**CDL4U(E)3LA/350V**	**20**	0.22 μF	
	CDL4U(E)LA/600V	**20**	**CDL4U(E)3LA/600V**	**20**	**CDL4U(E)RC0.22**	**10**
	CDL4U(E)LA/1000V	**20**				

Accessories

	CDL4U(E)LA Cat. No.	Std. Pk.	CDL4U(E)3LA Cat. No.	Std. Pk.	CDL4U(E)RC Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCDL4U	50	EPCDL4U	50
Spacer	CDL4USP	50	CDL4USP	50	CDL4USP	50
DIN Rail (32mm / 35mm)	2511120	20	2511120	20	2511120	20
(35mm)	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

SURGE SUPPRESSOR TERMINAL BLOCKS

	CDL4U(E)MOV	CTLG2.5(E)MOV	CDL4U(E)SD
	 CDL4U(E)MOV	 CTLG2.5(E)MOV	
CE IECEE	MOV for voltage surge spike protection	MOV for voltage surge spike protection	Suppressor Diode to fine protect sensors, contacts, etc

Dimensions & Weight

Width	**12 mm**	**6 mm**	**12 mm**
Length	55.5 mm	87.5 mm	55.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	55.7 mm 63.1 mm	66.0 mm 74.0 mm	55.7 mm 63.1 mm
Weight per piece	19.2 g	14.8 g	18.0 g

Technical Data/Ratings / Component Specifications

Wire Size (solid / stranded)	22-10 AWG	22-10 AWG	22-10 AWG
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Nominal Current	-	5 A	-
Peak Current	2kA-6.5kA (8/20μs)	2kA-6.5kA (8/20μs)	-
Nominal Discharge Current	-	10 KA (8/20μs)	1.5 KA
Response Time	< 25 ns	< 25 ns	1 ns (D.C) / 5 ns (A.C)
Capacitance	100 - 20,000 pf	100 - 20,000 pf	-
Voltage Rating	30, 60, 75, 130, 275, 460, 510, 625, 680 V AC	Up to 275V	30, 60, 75, 130, 275, 460, 510, 625, 680 V AC

Installation Instructions

Wire Stripping Length	9 mm	9 mm	9 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CDL4U(E)MOV30V**	**20**	**CTLG2.5(E)MOV30V**	**20**	**DC - Anode**	
	CDL4U(E)MOV60V	**20**	**CTLG2.5(E)MOV60V**	**20**	**CDL4U(E)SDUA12VDC**	**20**
	CDL4U(E)MOV75V	**20**	**CTLG2.5(E)MOV75V**	**20**	**CDL4U(E)SDUA24VDC**	**20**
	CDL4U(E)MOV130V	**20**	**CTLG2.5(E)MOV130V**	**20**	**CDL4U(E)SDUA48VDC**	**20**
	CDL4U(E)MOV275V	**20**	**CTLG2.5(E)MOV275V**	**20**		
	CDL4U(E)MOV460V	**20**			**DC - Cathode**	
	CDL4U(E)MOV510V	**20**			**CDL4U(E)SDUK12VDC**	**20**
	CDL4U(E)MOV625V	**20**			**CDL4U(E)SDUK24VDC**	**20**
	CDL4U(E)MOV680V	**20**			**CDL4U(E)SDUK48VDC**	**20**
					AC	
					CDL4U(E)SDB12VAC	
					CDL4U(E)SDB24VAC	
					CDL4U(E)SDB48VAC	
					CDL4U(E)SDB160VAC	

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCDL4U	50	EPCTLG2.5	50	EPCDL4U	50
Spacer	CDL4USP	50	–	–	CDL4USP	50
DIN Rail (32mm, 35mm)	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
	2511160	10	2511160	10	2511160	10
End Stop	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)

JUMPER / SHORTING LINKS

		Internal Jumper		Insulated Internal Jumper		External Jumper		Current Bar		Shorting Sleeve & Screws	
	Poles	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
CTS2.5U-N	2 Pole	CA721/2	100	CA741/2	100	CA717/2	100	CA703/01	100	CA707/S/Q/01	100
	3 Pole	CA721/3	100	CA741/3	100	CA717/3	100	CA704/01	100		
	4 Pole	CA721/4	100	CA741/4	100	CA717/4	100	CA705/01	100		
	10 Pole	CA721/10	10	CA741/10	10	CA717/10	20	CA731/10	100		
	100 Pole	CA721/100	10	CA741/100	10	-	-	CA731/100	10		
CTS4U-N, CCC4U, CMC1-2, CMC2-2, CDL4UN, CDL4U(I.S) CDLG4, CDLG(I.S), CF4SP, CF4SP(L), CKT4U[1], CKT4SP	2 Pole	CA722/2	100	CA742/2	100	CA714/2	100	CA703/1	100	CA707/S/Q/01	100
	3 Pole	CA722/3	100	CA742/3	100	CA714/3	100	CA704/1	100		
	4 Pole	CA722/4	100	CA742/4	100	CA714/4	100	CA705/1	100		
	10 Pole	CA722/10	10	CA742/10	10	CA714/10	20	CA732/10	100		
	100 Pole	CA722/100	10	CA742/100	10	-	-	CA732/100	10		
CTS6U, CDS6U CDTTU[1], CDTTU-SH[1]	2 Pole	CA723/2	100	CA743/2	100	CA710/2	100	CA703/2	100	CA707/S/Q/1	100
	3 Pole	CA723/3	50	CA743/3	50	CA710/3	50	CA704/2	100		
	4 Pole	CA723/4	50	CA743/4	50	CA710/4	50	CA705/2	100		
	10 Pole	CA723/10	10	CA743/10	10	CA710/10	20	CA733/10	10		
CTS10U	2 Pole	CA724/2	100	CA744/2	100	CA718/2	100	CA703/3	100	CA707/S/Q/1	100
	3 Pole	CA724/3	50	CA744/3	50	CA718/3	50	CA704/3	100		
	4 Pole	CA724/4	50	CA744/4	50	CA718/4	50	CA705/3	100		
	10 Pole	CA724/10	10	CA744/10	10	CA718/10	20	CA734/10	10		
CTS16U	2 Pole	CA751/2	50	CA761/2	50	-	-	CA703/8	100	CA707/S/Q/1	100
	3 Pole	CA751/3	50	CA761/3	50	-	-	CA704/8	100		
	4 Pole	CA751/4	50	CA761/4	50	-	-	CA705/8	100		
	10 Pole	CA751/10	10	CA761/10	10	-	-	CA739/10	10		
CTS25UN	2 Pole	CA725/2	50	CA745/2	50	-	-	CA703/4	100	CA707/S/Q/2	100
	3 Pole	CA725/3	20	CA745/3	20	-	-	CA704/4	100		
	4 Pole	CA725/4	20	CA745/4	20	-	-	CA705/4	100		
	10 Pole	CA725/10	10	CA745/10	10	-	-	CA735/10	100		
CTS35UN	2 Pole	CA771/2	50	CA781/2	50	-	-	CA703/10	100	CA707/S/Q/2	100
	3 Pole	CA771/3	20	CA781/3	20	-	-	CA704/10	100		
	4 Pole	CA771/4	20	CA781/4	20	-	-	CA705/10	100		
	10 Pole	CA771/10	10	CA781/10	10	-	-	CA770/10	10		
CTS50/70N	2 Pole	CA628/2	10	-	-	-	-	-	-	-	-
	3 Pole	CA628/3	10	-	-	-	-	-	-		
CTS95/120N	2 Pole	CA629/2	10	-	-	-	-	-	-	-	-
	3 Pole	CA629/3	10	-	-	-	-	-	-		
CTL2.5U, CTL2.5U(L) CTL2.5U-H, CTL2.5U-H(L) CTL2.5U(I.S)	2 Pole	CA722/2	100	-	-	CA715/2	100	CA703/1	100	CA707/S/Q/01	100
	3 Pole	CA722/3	100	-	-	CA715/3	100	CA704/1	100		
	4 Pole	CA722/4	100	-	-	CA715/4	100	CA705/1	100		
	10 Pole	CA722/10	10	-	-	CA715/10	20	CA732/10	100		
	100 Pole[2]	CA722/100	10	-	-	-	-	CA732/100	10		
ODL4U CDL4U(E) CMT4 CMB4	2 Pole	CA727/2	100	CA747/2	100	CA714/2	100	CA703/1	100	CA607/S/Q	100
	3 Pole	CA727/3	100	CA747/3	100	CA714/3	100	CA704/1	100		
	4 Pole	CA727/4	100	CA747/4	100	CA714/4	100	CA705/1	100		
	10 Pole	CA727/10	10	CA747/10	10	CA714/10	20	CA732/10	100		
	100 Pole[2]	CA727/100	10	CA747/100	10	-	-	CA732/100	10		
CDLG2.5 CTLG2.5	2 Pole	CA627/2	100	-	-	CA715/2	100	CA703/1	100	CA611/S/Q	100
	3 Pole	CA627/3	100	-	-	CA715/3	100	CA704/1	100		
	4 Pole	CA627/4	100	-	-	CA715/4	100	CA705/1	100		
	10 Pole	CA627/10	10	-	-	CA715/10	20	CA732/10	10		
CF4U[1] CF4U(L)[1]	2 Pole	-	-	-	-	CA711/2	100	-	-	-	-
	3 Pole	-	-	-	-	CA711/3	50	-	-		
	4 Pole	-	-	-	-	CA711/4	50	-	-		
	10 Pole	-	-	-	-	CA711/10	20	-	-		
DDFL4U, DDFL4U(E) DDFL4ULR, DDFL4ULR(E) CSDL4U[1], DDDL4U	2 Pole	CA729/2	100	CA749/2	100	CA711/2	100	CA703/6	100	CA707/S/Q/3	100
	3 Pole	CA729/3	50	CA749/3	50	CA711/3	50	CA704/6	100		
	4 Pole	CA729/4	50	CA749/4	50	CA711/4	50	CA705/6	100		
	10 Pole	CA729/10	10	CA749/10	10	CA711/10	20	CA737/10	100		
CAFL4U[1] CAFL4U(L)[1] CAFL4U(N)[1]	2 Pole	-	-	-	-	CA716/2	50	-	-	-	-
	3 Pole	-	-	-	-	CA716/3	50	-	-		
	4 Pole	-	-	-	-	CA716/4	50	-	-		
	10 Pole	-	-	-	-	CA716/10	20	-	-		
CHV4U CTS4USC	2 Pole	CA623/2	100	-	-	-	-	-	-	-	-
	3 Pole	CA623/3	100	-	-	-	-	-	-		
	4 Pole	CA623/4	100	-	-	-	-	-	-		
	10 Pole	CA623/10	10	-	-	-	-	-	-		
CHV6U CTS6USC	2 Pole	CA624/2	100	-	-	-	-	-	-	-	-
	3 Pole	CA624/3	100	-	-		-	-	-	-	
	4 Pole	CA624/4	100	-	-	-					
	10 Pole	CA624/10	10	-	-	-					
CHV10U CTS10USC	2 Pole	CA625/2	100	-	-	-					
	3 Pole	CA625/3	100	-	-	-					
	4 Pole	CA625/4	100	-	-	-	-	-	-		
	10 Pole	CA625/10	10	-	-	-	-	-	-		

[1] Internal shorting system not available.
[2] 100 pole strip is breakable into any number of poles needed.

VARIOUS ACCESSORIES

ENDPLATES

Terminal Block	Cat. No.	Dimensions	Std. Pk.
CTS2.5U-N, CTS4U-N CTT2.5UK/J/T/E	EP2.5/4UN	32 x 39 x 1.5mm	50
CCTS6U, CTS10U	EP6/10U	31 x 42.5 x 1.5mm	50
CMC1-2	EPCMC1-2	35.5 x 46.5 x 2.5mm	50
CMC2-2, CMCG4	EPCMC2-2	40.5 x 65 x 2.5mm	50
CDL4UN, CDLG4	EPCDL4UN	47.5 x 57 x 1.5mm	50
CDLG2.5	EPCDLG2.5	48 x 71.4 x 1.2mm	50
CTLG2.5	EPCTLG2.5	62.5 x 87.5 x 1.2mm	50
ODL4U	EPODL4U (Front)	49 x 86 x 5.5mm	50
	EP1ODL4U (Back)	24 x 68 x 3mm	50
CHV Series, CTSUSC Series	EPUSC	52 x 48.5 x 1.5mm	50
CTL2.5U Series	EPCTL2.5U	55.5 x 84 x 1.5mm	50
CTL2.5U-H Series	EPCTL2.5U-H	55.5 x 61 x 1.5mm	50
CAFL4U Series	EPCAFL4U	32 x 72 x 1.5mm	50
CDS6U	EPCDS6U	37.2 x 82 x 1.5mm	50
CKT4U	EPCKT4U	30.5 x 46.5 x 2.5mm	50
EPCKT4U	EPCKT4U/4	65 x 38.3 x 1.5mm	50
CDTTU Series	EPCDTTU	41 x 63 x 3mm	50
CSDL4U	EPCSFL4U	28 x 55.5 x 1.6mm	50
DDDL4U, DDFL4U	EPDDFL4U	49 x 87.6 x 3mm	50
CDL4U(E)	EPCDL4U	43 x 55 x 2.4mm	50
CTC4U	EPCTC4U	34.5 x 47 x 2.5mm	50
CMT4	EPCMT4	23 x 27 x 1.5mm	50
CMB4	EPCMB4	27 x 27 x 7mm	50
ODL2.5 Series	EPODL2.5	49 x 59 x 4.6mm	50
	EP1ODL2.5	23 x 59 x 2.5mm	50

PARTITION PLATES

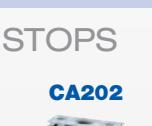
Terminal Block	Cat. No.	Dimensions	Std. Pk.
CTS2.5U-N, CTS4U-N CTT2.5UK/J/T/E	PP2.5/4UN	37 x 44 x 1.6mm	50
CTS6U, CTS10U	PP6/10U	37.5 x 56 x 1.5mm	50
CTS25UN	PP25UN	42.5 x 62 x 1mm	50
CTS35UN	PP35UN	50 x 64.5 x 1mm	50
CMT4	PPCMT4	32 x 37 x 1.6mm	50

SEPARATOR PLATES

Terminal Block	Cat. No.	Dimensions	Std. Pk.
CTS2.5U-N, CTS4U-N CTT2.5UK/J/T/E	SP2.5/4UN	17.5 x 17.4 x 1.4mm	100
CTS6U, CTS10U, CTS16U	SP6/10U	15.4 x 16.2 x 1.5mm	100
CSL4UN, CDL4UN(I.S.)	SPCDL4U	15.4 x 16.2 x 1.6mm	100
CBM4	SPCMB4	14.5 x 12 x 1.5mm	100
CDLG2.5	SPCDLG2.5	11 x 10.5 x 1	100

END STOPS

CA202



Cat. No.	Dimensions	Std. Pk.
CA202	44.5 x 50 x 9.5mm	50

CA802

Cat. No.	Dimensions	Std. Pk.
CA802	45 x 32 x 8mm	50

CA702

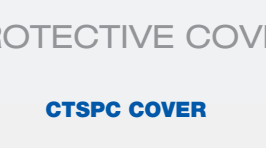
Cat. No.	Dimensions	Std. Pk.
CA702	34 x 45 x 9mm	50

CA102

Cat. No.	Dimensions	Std. Pk.
CA102	80 x 46 x 9mm	50

PROTECTIVE COVER

CTSPC COVER



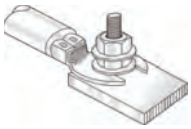
Cat. No.	Length	Std. Pk.
CTSPC/40	40mm	2
CTSPC/90	90mm	2
CTSPC/100	100mm	2
CTSPC/130	130mm	2
CTSPC/150	150mm	2
CTSPC/200	200mm	2
CTSPC/300	300mm	2
CTSPC/330	330mm	2

SUPPORT PLATE

Cat. No.	Std. Pk.
CSP1	50

Assembled Block installed with Protective Cover

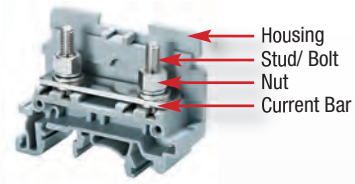
LUG/ STUD TYPE CONNECTION TECHNOLOGY



- Accepts Ring/ Fork Lug Cable Lugs
- Withstands severe vibration
- Reliable Gas-tight connection
- For very large wire sizes (up to 350 kcmil)
- High Torque values
- Secure connection
- Hinged cover featuring captive nut system guarantees quick and easy ring lug wiring

cULus E220514 CE Lloyd's Register IECEE IEC 60947-7-1

MATERIAL SPECIFICATIONS



Current Carrying Metal
Corrosion free material

- Bolt: zinc chromate passivated steel
- Nut/ Screw: zinc chromate passivated steel
- Current Bar: nickel plated copper alloy/ tin plated copper

Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

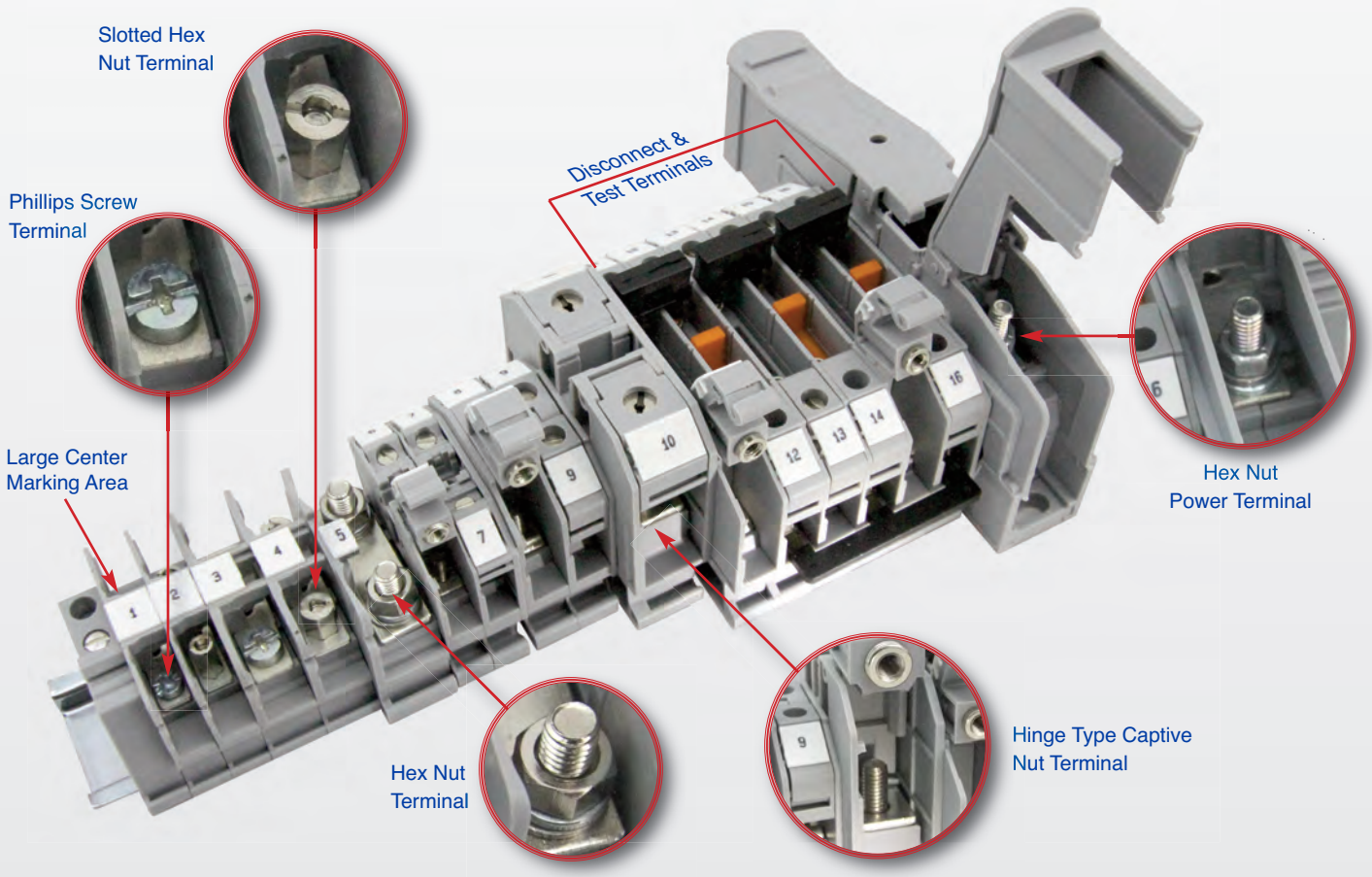
Polyamide 66 Specifications

Upper Temperature Limit:	105°C
Lower Temperature Limit:	-50°C
Flammability UL94:	V2/ V0
Volume Resistivity:	10^{12} Ω cm
Surface Resistivity:	10^{10} Ω

INSTALLATION GUIDELINES

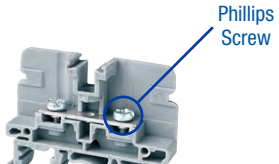
1. Remove screw/ nut by using wrench/ hex nut driver
2. Place cable with ring/ fork cable lug on stud
3. Tighten screw/ nut to specified torque by using wrench/hex nut driver

RING LUG TERMINAL CONNECTION TYPES AND FEATURES

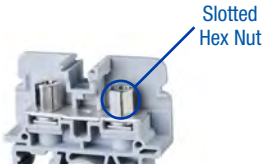


Ring Lug Barrier Terminal Blocks

FEATURES
- Phillips Screw (**CBS Series**)
- Slotted Hex Nut (**CSB Series**)
- 22-4 AWG
- Up to 85A



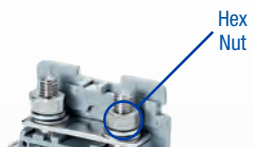
CBS Series
page 52



CSB Series
page 53

Ring Lug Stud Terminal Blocks

FEATURES
- Hex Nut (**CSTSN Series**)
- Slotted Hex Nut (**CSTSB Series**)
- 22-2 AWG
- Up to 125A



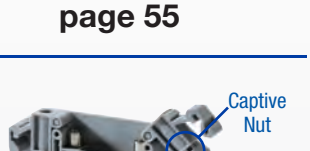
CSTSN Series
page 54

CSTSB Series
page 55

Ring Lug Hinge Terminal Blocks

FEATURES
- Captive Nut Built-In Hinge
- Feed-Through Terminals
- Disconnect Terminals
- 22-2 AWG
- Up to 115A

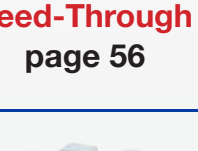
Feed-Through
page 56



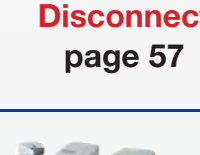
Disconnect
page 57

Ring Lug Power Terminal Blocks

FEATURES
- Nut/Bolt Connection
- Threaded Current Bar
- 10 AWG - 350 kcmil
- up to 310A



Nut/Bolt Connection

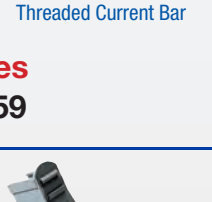


Threaded Current Bar

CBB Series
page 58-59

High Current Power Terminal Blocks

FEATURES
- Captive Bolt System
- 8-4/0 AWG
- Up to 230A
- Protective Cover
- Stackable



PTB Series
page 60

Accessories

page 61

BARRIER RING LUG TERMINAL BLOCKS - PHILLIPS SCREW

HIGHLIGHTS

FEATURES
- Various sizes
  - Wire size up to 4 AWG
  - Current rating up to 85 A
- Suitable for standard fork type / ring lug connectors
- Version with standard Phillips Screw **(CBS Series)**
- Version with slotted nut **(CSB Series)**
- Compact design
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS
- Applications with vibration
  - Machinery
  - Transportation
  - Vehicles
- Provides solution when ring / fork lug is needed
- Compact / Space saving Panels

	CBS3U	**CBS4U**	**CBS5U**
Dimensions & Weight	50 A Ring Lug Terminal Phillips Screw Head	65 A Ring Lug Terminal Phillips Screw Head	85 A Ring Lug Terminal Phillips Screw Head
Width	**9 mm**	**13 mm**	**13 mm**
Length	49 mm	49 mm	49 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38 mm 45.5 mm	38 mm 45.5 mm	38 mm 45.5 mm
Weight per piece	7.4 g	12.4 g	13.8 g
Technical Data/Ratings			
Approvals	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-1
Wire Size (solid / stranded)	**22-8 AWG** / 0.5-6 mm²	**16-6 AWG** / 1.5-10 mm²	**16-4 AWG** / 1.5-16 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	50 A / 41 A	65 A / 57 A	85 A / 76 A
Torque	4.5 lb-in / 0.5 Nm	10 lb-in / 1.2 Nm	25 lb-in / 2.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	–	–	–
Screw / Stud Size	M3	M4	M5
Screwdriver	Phillips #2	Phillips #2	Phillips #2
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey (standard)	**CBS3U** 50	**CBS4U** 50	**CBS5U** 50
Red R	CBS3U/R 50	CBS4U/R 50	CBS5U/R 50
Blue BU	CBS3U/BU 50	CBS4U/BU 50	CBS5U/BU 50
Black BL	CBS3U/BL 50	CBS4U/BL 50	CBS5U/BL 50
Orange O	CBS3U/O 50	CBS4U/O 50	CBS5U/O 50
Green G	CBS3U/G 50	CBS4U/G 50	CBS5U/G 50
Yellow Y	CBS3U/Y 50	CBS4U/Y 50	CBS5U/Y 50
White W	CBS3U/W 50	CBS4U/W 50	CBS5U/W 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCBS3U 50	EPCBS3U 50	EPCBS3U 50
DIN Rail (32mm, 35mm, 35mm)	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10
End Stop	CA802 50	CA802 50	CA802 50
Insulated Jumper Fork Type 2 pole / 3 pole / 4 pole	CA514/15-2 100 CA514/15-3 50 CA514/15-4 50	CA514/2-2 100 CA514/2-3 50 CA514/2-4 50	CA514/2-2 100 CA514/2-3 50 CA514/2-4 50
Insulated Jumper Ring Lug 2 pole / 3 pole / 4 pole	CA514/17-2 100 CA514/17-3 50 CA514/17-4 50	CA514/4-2 100 CA514/4-3 50 CA514/4-4 50	CA514/4-2 100 CA514/4-3 50 CA514/4-4 50
Internal Jumper 2 pole / 3 pole / 4 pole / 10 pole	CA728/2 100 CA728/3 100 CA728/4 100 CA728/10 10	CA772/2 100 CA772/3 100 CA772/4 100 CA772/10 10	CA772/2 100 CA772/3 100 CA772/4 100 CA772/10 10
Protective Cover 2 Terminal / 3 Terminal / 4 Terminal / 100 mm / 200 mm / 300 mm	– CSTSPC2 10 CSTSPC2-1 10 CSTSPC1-2 10 CSTSPC1-3 10 CSTSPC1-4 10	CSTSPC2 10 CSTSPC2-1 10 – CSTSPC1-2 10 CSTSPC1-3 10 CSTSPC1-4 10	CSTSPC2 10 CSTSPC2-1 10 – CSTSPC1-2 10 CSTSPC1-3 10 CSTSPC1-4 10
Marking Tag	MT9 1 Pk. (100 tags)	MT9 1 Pk. (100 tags)	MT9 1 Pk. (100 tags)

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	CSB3/N3U	CSB3/N3UL	CSB4/N4U	CSB5/N5U
Dimensions & Weight	50 A Ring Lug Terminal Slotted Hex Nut	50 A Ring Lug Terminal Long Slotted Hex Nut	65 A Ring Lug Terminal Slotted Hex Nut	85 A Ring Lug Terminal Slotted Hex Nut
Width	**9 mm**	**9 mm**	**13 mm**	**13 mm**
Length	49 mm	49 mm	49 mm	49 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38 mm 45.5 mm	38 mm 45.5 mm	38 mm 45.5 mm	38 mm 45.5 mm
Weight per piece	10.2 g	11.7 g	19.0 g	19.0 g
Technical Data/Ratings				
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**22-8 AWG** / 0.5-6 mm²	**22-8 AWG** / 0.5-6 mm²	**16-6 AWG** / 1.5-10 mm²	**16-4 AWG** / 1.5-16 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	50 A / 41 A	50 A / 41 A	65 A / 57 A	85 A / 76 A
Torque	4.5 lb-in / 0.5 Nm	4.5 lb-in / 0.5 Nm	10 lb-in / 1.2 Nm	25 lb-in / 2.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions				
Wire Stripping Length	–	–	–	–
Screw / Stud Size	M3	M3	M4	M5
Screwdriver	Hex Nut Driver 7 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey (standard)	**CSB3/N3U** 50	**CSB3/N3UL** 50	**CSB4/N4U** 50	**CSB5/N5U** 50
Red R	CSB3/N3U/R 50	CSB3/N3UL/R 50	CSB4/N4U/R 50	CSB5/N5U/R 50
Blue BU	CSB3/N3U/BU 50	CSB3/N3UL/BU 50	CSB4/N4U/BU 50	CSB5/N5U/BU 50
Black BL	CSB3/N3U/BL 50	CSB3/N3UL/BL 50	CSB4/N4U/BL 50	CSB5/N5U/BL 50
Orange O	CSB3/N3U/O 50	CSB3/N3UL/O 50	CSB4/N4U/O 50	CSB5/N5U/O 50
Green G	CSB3/N3U/G 50	CSB3/N3UL/G 50	CSB4/N4U/G 50	CSB5/N5U/G 50
Yellow Y	CSB3/N3U/Y 50	CSB3/N3UL/Y 50	CSB4/N4U/Y 50	CSB5/N5U/Y 50
White W	CSB3/N3U/W 50	CSB3/N3UL/W 50	CSB4/N4U/W 50	CSB5/N5U/W 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCBS3U 50	EPCBS3U 50	EPCBS3U 50	EPCBS3U 50
DIN Rail (32mm, 35mm)	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10	2511120 20 CA701-15/S 20 2511160 10
End Stop	CA802 50	CA802 50	CA802 50	CA802 50
Insulated Jumper Fork Type	2 pole: CA514/15-2 100 3 pole: CA514/15-3 50 4 pole: CA514/15-4 50	2 pole: CA514/15-2 100 3 pole: CA514/15-3 50 4 pole: CA514/15-4 50	2 pole: CA514/2-2 100 3 pole: CA514/2-3 50 4 pole: CA514/2-4 50	2 pole: CA514/2-2 100 3 pole: CA514/2-3 50 4 pole: CA514/2-4 50
Insulated Jumper Ring Lug	2 pole: CA514/17-2 100 3 pole: CA514/17-3 50 4 pole: CA514/17-4 50	2 pole: CA514/17-2 100 3 pole: CA514/17-3 50 4 pole: CA514/17-4 50	2 pole: CA514/4-2 100 3 pole: CA514/4-3 50 4 pole: CA514/4-4 50	2 pole: CA514/4-2 100 3 pole: CA514/4-3 50 4 pole: CA514/4-4 50
Internal Jumper	2 pole: CA728/2 100 3 pole: CA728/3 100 4 pole: CA728/4 100 10 pole: CA728/10 10	2 pole: CA728/2 100 3 pole: CA728/3 100 4 pole: CA728/4 100 10 pole: CA728/10 10	2 pole: CA772/2 100 3 pole: CA772/3 100 4 pole: CA772/4 100 10 pole: CA772/10 10	2 pole: CA772/2 100 3 pole: CA772/3 100 4 pole: CA772/4 100 10 pole: CA772/10 10
Protective Cover	2 Terminal: – – 3 Terminal: CSTSPC2 10 4 Terminal: CSTSPC2-1 10 100 mm: CSTSPC1-2 10 200 mm: CSTSPC1-3 10 300 mm: CSTSPC1-4 10	2 Terminal: – – 3 Terminal: CSTSPC2 10 4 Terminal: CSTSPC2-1 10 100 mm: CSTSPC1-2 10 200 mm: CSTSPC1-3 10 300 mm: CSTSPC1-4 10	2 Terminal: CSTSPC2 10 3 Terminal: CSTSPC2-1 10 4 Terminal: – – 100 mm: CSTSPC1-2 10 200 mm: CSTSPC1-3 10 300 mm: CSTSPC1-4 10	2 Terminal: CSTSPC2 10 3 Terminal: CSTSPC2-1 10 4 Terminal: – – 100 mm: CSTSPC1-2 10 200 mm: CSTSPC1-3 10 300 mm: CSTSPC1-4 10
Marking Tag	MT9 1 Pk. (100 tags)	MT9 1 Pk. (100 tags)	MT9 1 Pk. (100 tags)	MT9 1 Pk. (100 tags)

CSTSN SERIES
STUD / RING LUG TERMINALS

STUD TYPE RING LUG TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- Various sizes
  - Wire size up to 2 AWG
  - Current rating up to 125 A
- Suitable for standard fork type / ring lug connectors
- Version with standard Hex Nut (**CSTSN Series**)
- Version with slotted barrel (**CSTSB Series**)
- Compact design
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS
- Applications with vibration
  - Machinery
  - Transportation
  - Vehicles
- Provides solution when ring / fork lug is needed
- Compact / Space saving Panels

	CSTSN4U	CSTSN5U	CSTSN6U
Dimensions & Weight	65 A Bolt Terminal M4 Hex Nut	80 A Bolt Terminal M5 Hex Nut	125 A Bolt Terminal M6 Hex Nut
Width	**17 mm**	**17 mm**	**17 mm**
Length	50 mm	50 mm	50 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	40.7 mm 48.0 mm	40.7 mm 48.0 mm	40.7 mm 48.0 mm
Weight per piece	21.5 g	23.4 g	30.4 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**22-6 AWG** / 1.5-10 mm²	**22-4 AWG** / 1.5-16 mm²	**22-2 AWG** / 1.5-35 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	65 A / 57 A	80 A / 76 A	125 A / 125 A
Torque	14 lb-in / 1.2 Nm	25 lb-in / 2.0 Nm	25 lb-in / 3.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	–	–	–
Screw / Stud Size	M4	M5	M6
Screwdriver	Hex Nut Driver 7 mm	Hex Nut Driver 8 mm	Hex Nut Driver 9 mm

Terminal Blocks		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CSTSN4U**	100	**CSTSN5U**	100	**CSTSN6U**	100
Red	R	CSTSN4U/R	100	CSTSN5U/R	100	CSTSN6U/R	100
Blue	BU	CSTSN4U/BU	100	CSTSN5U/BU	100	CSTSN6U/BU	100
Black	BL	CSTSN4U/BL	100	CSTSN5U/BL	100	CSTSN6U/BL	100
Orange	O	CSTSN4U/O	100	CSTSN5U/O	100	CSTSN6U/O	100
Green	G	CSTSN4U/G	100	CSTSN5U/G	100	CSTSN6U/G	100
Yellow	Y	CSTSN4U/Y	100	CSTSN5U/Y	100	CSTSN6U/Y	100
White	W	CSTSN4U/W	100	CSTSN5U/W	100	CSTSN6U/W	100

Accessories		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCSTSU	50	EPCSTSU	50	EPCSTSU	50
DIN Rail	32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA802	50	CA802	50	CA802	50
Insulated Jumper Fork Type	2 pole	CA514/1-2	100	CA514/1-2	100	CA514/7-2	100
	3 pole	CA514/1-3	50	CA514/1-3	50	CA514/7-3	50
	4 pole	CA514/1-4	50	CA514/1-4	50	CA514/7-4	50
Jumper Ring Lug	2 pole	CA514/3-2	100	CA514/3-2	100	CA514/8-2	100
	3 pole	CA514/3-3	50	CA514/3-3	50	CA514/8-3	50
	4 pole	CA514/3-4	50	CA514/3-4	50	CA514/8-4	50
Protective Cover	2 Terminal	CSTSPC2	10	CSTSPC2	10	CSTSPC2	10
	3 Terminal	CSTSPC2-1	10	CSTSPC2-1	10	CSTSPC2-1	10
	4 Terminal	–	–	–	–	–	–
	100 mm	CSTSPC1-2	10	CSTSPC1-2	10	CSTSPC1-2	10
	200 mm	CSTSPC1-3	10	CSTSPC1-3	10	CSTSPC1-3	10
	300 mm	CSTSPC1-4	10	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tag		MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)

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STUD TYPE RING LUG TERMINAL BLOCKS

	CSTSB4U	CSTSB5U
Dimensions & Weight	65 A Bolt Terminal Slotted Barrel	65 A Bolt Terminal Slotted Barrel
Width	**17 mm**	**17 mm**
Length	50 mm	50 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	40.7 mm 48.0 mm	40.7 mm 48.0 mm
Weight per piece	24 g	25.5 g
Technical Data/Ratings		
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**22-6 AWG** / 1.5-10 mm²	**22-4 AWG** / 1.5-16 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	65 A / 57 A	80 A / 76 A
Torque	14 lb-in / 1.2 Nm	25 lb-in / 2.0 Nm
Insulation Material	Polyamide 66	Polyamide 66
Installation Instructions		
Wire Stripping Length	–	–
Screw / Stud Size	M4	M5
Screwdriver	Flat Head 1.0 x 5.5 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**CSTSB4U**	100	**CSTSB5U**	100
Red	R		CSTSB4U/R	100	CSTSB5U/R	100
Blue	BU		CSTSB4U/BU	100	CSTSB5U/BU	100
Black	BL		CSTSB4U/BL	100	CSTSB5U/BL	100
Orange	O		CSTSB4U/O	100	CSTSB5U/O	100
Green	G		CSTSB4U/G	100	CSTSB5U/G	100
Yellow	Y		CSTSB4U/Y	100	CSTSB5U/Y	100
White	W		CSTSB4U/W	100	CSTSB5U/W	100
Accessories			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate			EPCSTSU	50	EPCSTSU	50
DIN Rail	32mm / 35mm		2511120	20	2511120	20
			CA701-15/S	20	CA701-15/S	20
	35mm		2511160	10	2511160	10
End Stop			CA802	50	CA802	50
Insulated Jumper Fork Type		2 pole	CA514/1-2	100	CA514/1-2	100
		3 pole	CA514/1-3	50	CA514/1-3	50
		4 pole	CA514/1-4	50	CA514/1-4	50
Insulated Jumper Ring Lug		2 pole	CA514/3-2	100	CA514/3-2	100
		3 pole	CA514/3-3	50	CA514/3-3	50
		4 pole	CA514/3-4	50	CA514/3-4	50
Protective Cover		2 Terminal	CSTSPC2	10	CSTSPC2	10
		3 Terminal	CSTSPC2-1	10	CSTSPC2-1	10
		4 Terminal	–	–	–	–
		100 mm	CSTSPC1-2	10	CSTSPC1-2	10
		200 mm	CSTSPC1-3	10	CSTSPC1-3	10
		300 mm	CSTSPC1-4	10	CSTSPC1-4	10
Marking Tag			MT2B4	1 Pk. (100 tags)	MT2B4	1 Pk. (100 tags)

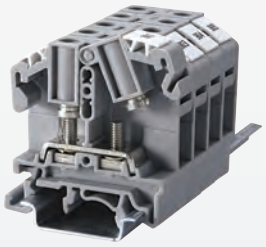
STH SERIES
STUD / RING LUG TERMINALS

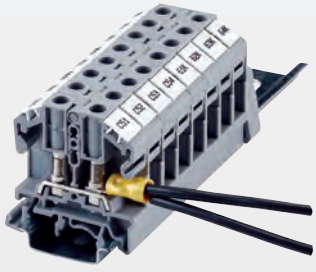
HINGE TYPE RING LUG TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- Bolt Feed Through Terminals
- Suitable for standard fork type / ring lugs
- Captive nut system
- Only standard flat head screw driver needed to tighten connection
- IP20 touch proof terminals with hinged plastic cover
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS
- Applications with vibration
  - Machinery
  - Transportation
  - Vehicles
- Provides solution when ring / fork lug is needed





	STH3	STH4	STH6

Dimensions & Weight

Width	9 mm	11 mm	18 mm
Length	47 mm	46 mm	64 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	47.3 mm 54.8 mm	52.2 mm 59.0 mm	63.1 mm 70.6 mm
Weight per piece	15.0 g	62.5 g	57.8 g

Technical Data/Ratings

Approvals	E220514 / 60947-7-1		E220514 / 60947-7-1		E220514 / 60947-7-1	
Wire Size (solid / stranded)	**22-8 AWG**	1.5-6 mm²	**22-8 AWG**	1.5-6 mm²	**22-2 AWG**	1.5-35 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	50 A	41 A	50 A	41 A	115 A	125 A
Torque	4.5 lb-in	0.5 Nm	14 lb-in	1.2 Nm	25 lb-in	3.0 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	–	–	–
Screw / Stud Size	M3	M4	M6
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm

Terminal Blocks

			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**STH3**	100	**STH4**	50	**STH6**	50
Red	R		STH3/R	100	STH4/R	50	STH6/R	50
Blue	BU		STH3/BU	100	STH4/BU	50	STH6/BU	50
Black	BL		STH3/BL	100	STH4/BL	50	STH6/BL	50
Orange	O		STH3/O	100	STH4/O	50	STH6/O	50
Green	G		STH3/G	100	STH4/G	50	STH6/G	50
Yellow	Y		STH3/Y	100	STH4/Y	50	STH6/Y	50
White	W		STH3/W	100	STH4/W	50	STH6/W	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPSTH3	50	EPSTH4	50	EPSTH6	50
DIN Rail	32mm / 35mm / 35mm	2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
		2511160	10	2511160	10	2511160	10
End Stop		CA702	100	CA702	100	CA702	100
		CA802	50	CA802	50	CA802	50
		CA202	50	CA202	50	CA202	50
Jumpers Fork Type	2 pole	CA512/15-2	100	CA512/13-2	100	–	–
	3 pole	CA512/15-3	50	CA512/13-3	50	–	–
	4 pole	CA512/15-4	50	CA512/13-4	50	–	–
Insulated Jumpers Fork Type	2 pole	CA514/15-2	100	CA514/13-2	100	–	–
	3 pole	CA514/15-3	50	CA514/13-3	50	–	–
	4 pole	CA514/15-4	50	CA514/13-4	50	–	–
Jumpers Ring Lug	2 pole	CA512/17-2	100	CA512/14-2	100	–	–
	3 pole	CA512/17-3	50	CA512/14-3	50	–	–
	4 pole	CA512/17-4	50	CA512/14-4	50	–	–
Insulated Jumpers Ring Lug	2 pole	CA514/17-2	100	CA514/14-2	100	–	–
	3 pole	CA514/17-3	50	CA514/14-3	50	–	–
	4 pole	CA514/17-4	50	CA514/14-4	50	–	–
Internal Jumpers	2 pole	CA773/2	100	–	–	CA774/2	100
	3 pole	CA773/3	50	–	–	CA774/3	50
	4 pole	CA773/4	50	–	–	CA774/4	50
	10 pole	CA773/10	10	–	–	–	–
Marking Tag		MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

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STH4DT

STH4DTSH

STH4DTFT

Dimensions & Weight

	Disconnect Terminal Block Hinge Type	Double Disconnect Terminal Block	Feed-Through Terminal Block Disconnect Profile
Width	**11 mm**	**22 mm**	**11 mm**
Length	86 mm	86 mm	86 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	52.2 mm 59.0 mm	52.2 mm 59.0 mm	52.2 mm 59.0 mm
Weight per piece	42.8 g	42.3 g	36.6 g

Technical Data/Ratings

Approvals	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	**22-8 AWG**	1.5-6 mm²	**22-8 AWG**	1.5-6 mm²	**22-8 AWG**	1.5-6 mm²
Voltage Rating	600 V	1000V AC/DC	300 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	35 A	41 A	25 A	34 A	50 A	41 A
Torque	14 lb-in	1.2 Nm	14 lb-in	1.2 Nm	14 lb-in	1.2 Nm
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	–	–	–
Screw / Stud Size	M4	M4	M4
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**STH4DT**	50	**STH4DTSH**	24	**STH4DTFT**	100

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPSTH4DT	50	EPSTH4DT	50	EPSTH4DT	50
DIN Rail 32mm / 35mm	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10	2511120 CA701-15/S 2511160	20 20 10
End Stop	CA702 CA802 CA202	100 50 50	CA702 CA802 CA202	100 50 50	CA702 CA802 CA202	100 50 50
Jumpers Fork Type 2 pole / 3 pole / 4 pole	CA512/13-2 CA512/13-3 CA512/13-4	100 50 50	CA512/13-2 CA512/13-3 CA512/13-4	100 50 50	CA512/13-2 CA512/13-3 CA512/13-4	100 50 50
Insulated Jumpers Fork Type 2 pole / 3 pole / 4 pole	CA514/13-2 CA514/13-3 CA514/13-4	100 50 50	CA514/13-2 CA514/13-3 CA514/13-4	100 50 50	CA514/13-2 CA514/13-3 CA514/13-4	100 50 50
Jumpers Ring Lug 2 pole / 3 pole / 4 pole	CA512/14-2 CA512/14-3 CA512/14-4	100 50 50	CA512/14-2 CA512/14-3 CA512/14-4	100 50 50	CA512/14-2 CA512/14-3 CA512/14-4	100 50 50
Insulated Jumpers Ring Lug 2 pole / 3 pole / 4 pole	CA514/14-2 CA514/14-3 CA514/14-4	100 50 50	CA514/14-2 CA514/14-3 CA514/14-4	100 50 50	CA514/14-2 CA514/14-3 CA514/14-4	100 50 50
Insulated Alternate Jumpers 3 pole / 4 pole	CA514/14-3A CA514/14-4A	10 10	CA514/14-3A CA514/14-4A	10 10	CA514/14-3A CA514/14-4A	10 10
Shorting Plug	QJ11/2	25	QJ11/2	25	–	–
Lock Out Cap	LCSTH4DT	25	LCSTH4DT	25	–	–
Marking Tag	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)

HIGHLIGHTS

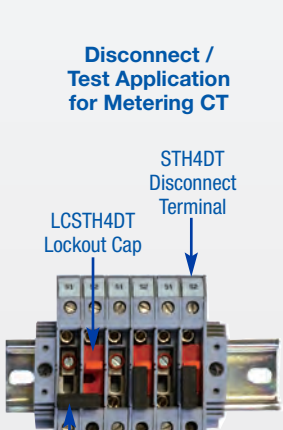
FEATURES

- Bolt Disconnect Terminals
  - Disconnect (**STH4DT**)
  - 2 Shorted Disconnect Terminals (**STH4DTSH**)
  - Feed-Through with same profile (**STH4DTFT**)
- Suitable for standard fork type / ring lugs
- Captive nut system
- IP20 touch proof terminals with hinged plastic cover
- 2, 3, 4 pole fork type and ring lug jumpers

APPLICATIONS

- Disconnect / Test Applications
- Measuring / Control Circuit
- Utility Instruments and Transformer Applications
  - Meter Replacement
  - External Current Measurement

Disconnect / Test Application for Metering CT



RING LUG POWER TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- High Current up to 310A
- Feed-Through Terminals
  - Nut / Bolt version
  - Version with threaded current bar (LS) for fast wiring without 2 wrenches
- Wire crimped into ring / fork lug on to the flat current bar
- Special Mounting foot design for tight fit on rail
- Protective Cover in various length
- 2, 3 pole jumper bars

APPLICATIONS
- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed

	CBB35/50 CBB35/50LS	CBB70 CBB70LS	CBB95 CBB95LS
Dimensions & Weight	150 A Feed Through Power Terminal	175 A Feed Through Power Terminal	230 A Feed Through Power Terminal
Width	**32 mm**	**38 mm**	**38 mm**
Length	75 mm	92 mm	92 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	47.5 mm 54.5 mm	47.5 mm 54.5 mm	47.5 mm 54.5 mm
Weight per piece	82.0 g	157.5 g	193.0 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid / stranded)	**10-1/0 AWG** / 6-50.0 mm²	**8-2/0 AWG** / 6-70.0 mm²	**8-4/0 AWG** / 16-95.0 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	150 A / 150 A	175 A / 192 A	230 A / 232 A
Torque	27 lb-in / 3.0 Nm	54.5 lb-in / 6.0 Nm	90 lb-in / 10.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	–	–	–
Screw / Stud Size	M6	M8	M10
Screwdriver	Wrench M6 Flat Head 1 x 5.5 mm	Wrench M8 Flat Head 1 x 1.5 mm	Wrench M10 Flat Head 1 x 1.5 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey Nut & Bolt configuration Threaded Current Bar	**CBB35/50** 10 **CBB35/50LS** 10	**CBB70** 10 **CBB70LS** 10	**CBB95** 10 **CBB95LS** 10
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Partition Plate	PPCBB 50	PPCBB 50	PPCBB1 50
DIN Rail	2511120 20 CA701-15/S 20	2511120 20 CA701-15/S 20	2511120 20 CA701-15/S 20
End Stop	CA102 50 CA202 50	CA102 50 CA202 50	CA102 50 CA202 50
Protective Cover for installing on PPCBB & PPCBB1 70 mm 80 mm 100 mm 130 mm 160 mm 200 mm 250 mm	CBBPC1/70 10 CBBPC1/80 10 CTSPC2-1 10 CBBPC1/130 10 CBBPC1/160 10 CBBPC1/200 10 CBBPC1/250 10	CBBPC1/70 10 CBBPC1/80 10 CTSPC2-1 10 CBBPC1/130 10 CBBPC1/160 10 CBBPC1/200 10 CBBPC1/250 10	– – CBBPC2/100 10 – CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10
Permanent Jumper Bars 2 pole 3 pole	CA790/2 10 CA790/3 10	CA791/2 10 CA791/3 10	CA791/2 10 CA791/3 10
Marking Tag	MT12 1 Pk. (100 tags)	MT16 1 Pk. (100 tags)	MT16 1 Pk. (100 tags)

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	CBB120 CBB120LS	CBB150 CBB150LS	CBB185 CBB185LS
Dimensions & Weight	255 A Feed Through Power Terminal	285 A Feed Through Power Terminal	310 A Feed Through Power Terminal
Width	**48 mm**	**48 mm**	**48 mm**
Length	100 mm	110 mm	110 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm	47.3 mm 54.5 mm
Weight per piece	244.0 g	316.0 g	319.4 g
Technical Data/Ratings			
Approvals	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-1
Wire Size (solid / stranded)	**8-250 KCMIL** / 16-120 mm²	**8-300 KCMIL** / 16-150 mm²	**8-350 KCMIL** / 16-185 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	255 A / 269 A	285 A / 309 A	310 A / 353 A
Torque	90 lb-in / 10.0 Nm	127 lb-in / 14.0 Nm	127 lb-in / 14.0 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	–	–	–
Screw / Stud Size	M10	M12	M12
Screwdriver	Wrench M10 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm	Wrench M12 Flat Head 1 x 1.5 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey Nut & Bolt configuration Threaded Current Bar	**CBB120** 10 **CBB120LS** 10	**CBB150** 10 **CBB150LS** 10	**CBB185** 10 **CBB185LS** 10
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Partition Plate	PPCBB1 50	PPCBB1 50	PPCBB1 50
DIN Rail	2511120 20 CA701-15/S 20	2511120 20 CA701-15/S 20	2511120 20 CA701-15/S 20
End Stop	CA102 50 CA202 50	CA102 50 CA202 50	CA102 50 CA202 50
Protective Cover for installing on PPCBB & PPCBB1 100 mm 160 mm 200 mm 250 mm	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10	CBBPC2/100 10 CBBPC2/160 10 CBBPC2/200 10 CBBPC2/250 10
Permanent Jumper Bars 2 pole 3 pole	CA793/2 10 CA793/3 10	CA794/2 10 CA794/3 10	CA794/2 10 CA794/3 10
Marking Tag	MT16 1 Pk. (100 tags)	MT16 1 Pk. (100 tags)	MT16 1 Pk. (100 tags)

PTB SERIES
STUD / RING LUG TERMINALS

HIGH CURRENT POWER TERMINAL BLOCKS

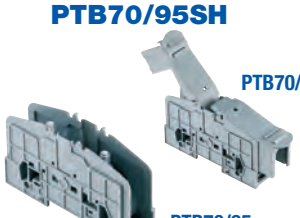
HIGHLIGHTS

FEATURES
- Panel / DIN Rail mountable
- High Current up to 230A
- Finger safe protective cover (**PSPTBXX**)
- Modular / stackable design
- 2, 3, 4 pole jumper system

APPLICATIONS
- High Current Power Applications
- Large size wires
- Power Distribution Feeding Applications
- Provides solution when ring / fork lug is needed

PTB35/50
PTB35/50SH

PTB70/95
PTB70/95SH



Dimensions & Weight

Width	**25 mm**	**32 mm**
Length	113 / 169 mm	130 / 192 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	61.0 / 66.5 mm 68.3 / 73.6 mm	76.6 / 78.0 mm 84.5 / 86.0 mm
Weight per piece	112.0 / 130.5 g	174.4 / 198.2 g

Technical Data/Ratings

Approvals	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	**8-2 AWG**	1.5-50 mm²	**8-4/0 AWG**	1.5-95 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	115 A	150 A	230 A	232 A
Torque	27 lb-in	3.0 Nm	87 lb-in	10.0 Nm
Insulation Material	Polyamide 66		Polyamide 66	

Installation Instructions

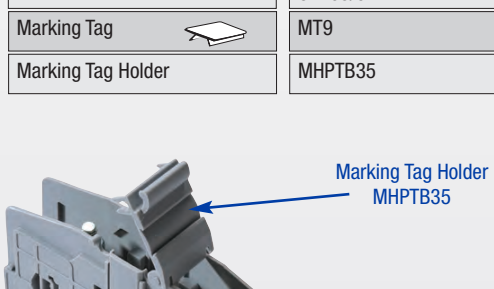
Wire Stripping Length	–	–
Screw / Stud Size	M6	M8
Screwdriver	Hex Nut Driver 10 mm	Hex Nut Driver 13 mm

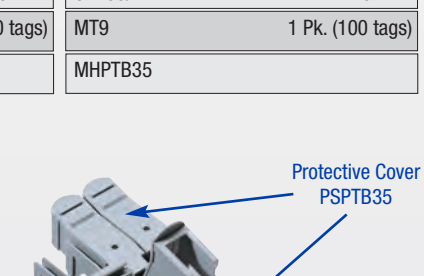
Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**PTB35/50** **PTB35/50SH**	10 10	**PTB70/95** **PTB70/95SH**	10 10

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Protective Cover	PSPTB35	20	PSPTB70	10
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA102 CA202	50 50	CA102 CA202	50 50
Jumper System 2 pole 3 pole 4 pole	CA703/9 CA704/9 CA705/9	10 10 10	CA703/11 CA704/11 CA705/11	10 10 10
Marking Tag	MT9	1 Pk. (100 tags)	MT9	1 Pk. (100 tags)
Marking Tag Holder	MHPTB35		MHPTB35	





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JUMPERS / SHORTING LINKS

Terminal Block Series	Poles	Fork Type Jumper Cat. No.	Std. Pk.	Insulated Fork Type Jumper Cat. No.	Std. Pk.	Ring Lug Jumper Cat. No.	Std. Pk.	Insulated Ring Lug Jumper Cat. No.	Std. Pk.	Internal Jumper Cat. No.	Std. Pk.	Alternate Jumper for STH4DT Series Cat. No.	Std. Pk.
CBS3U CSB3/N3U CSB3/N3UL STH3	2 Pole 3 Pole 4 Pole 10 Pole	CA512/15-2 CA512/15-3 CA512/15-4	100 50 50	CA514/15-2 CA514/15-3 CA514/15-4	100 50 50	CA512/17-2 CA512/17-3 CA512/17-4	100 50 50	CA514/17-2 CA514/17-3 CA514/17-4	100 50 50	CA728/2 CA728/3 CA728/4 CA728/10	50 50 50 10	N/A	
CBS4U CBS5U CSB4/N4UL CSB5/N5U	2 Pole 3 Pole 4 Pole 10 Pole	CA512/2-2 CA512/2-3 CA512/2-4	100 50 50	CA514/2-2 CA514/2-3 CA514/2-4	100 50 50	CA512/4-2 CA512/4-3 CA512/4-4	100 50 50	CA514/4-2 CA514/4-3 CA514/4-4	100 50 50	CA772/2 CA772/3 CA772/4 CA772/10	100 50 50 10	N/A	
CSTSN4U CSTSN5U CSTSN6U CSTSB4U CSTSB5U	2 Pole 3 Pole 4 Pole	CA512/1-2 CA512/1-3 CA512/1-4	100 50 50	CA514/1-2 CA514/1-3 CA514/1-4	100 50 50	CA512/3-2 CA512/3-3 CA512/3-4	100 50 50	CA514/3-2 CA514/3-3 CA514/3-4	100 50 50	N/A		N/A	
CSTSN6U	2 Pole 3 Pole 4 Pole	CA512/7-2 CA512/7-3 CA512/7-4	100 50 50	CA514/7-2 CA514/7-3 CA514/7-4	100 50 50	CA512/8-2 CA512/8-3 CA512/8-4	100 50 50	CA514/8-2 CA514/8-3 CA514/8-4	100 50 50	N/A		N/A	
STH4 STH4DT STH4DTFT	2 Pole 3 Pole 4 Pole	CA512/13-2 CA512/13-3 CA512/13-4	100 50 50	CA514/13-2 CA514/13-3 CA514/13-4	100 50 50	CA512/14-2 CA512/14-3 CA512/14-4	100 50 50	CA514/14-2 CA514/14-3 CA514/14-4	100 50 50	N/A		CA514/14-3A CA514/14-4A	10 10
STH6	2 Pole 3 Pole 4 Pole	N/A		N/A		N/A		N/A		CA774/2 CA774/3 CA774/4	100 50 50		

END STOPS

CA802

Cat. No	Dimensions	Std. Pk.
CA802	32 x 45 x 8 mm	50

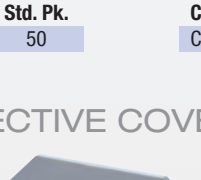
CA707

Cat. No	Dimensions	Std. Pk.
CA702	34 x 45 x 9 mm	50

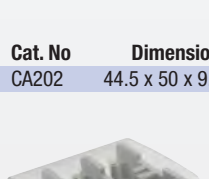
CA202

Cat. No	Dimensions	Std. Pk.
CA202	44.5 x 50 x 9.5 mm	50

ENDPLATES / PROTECTIVE COVERS



Terminal Block	Cat. No	Dimensions	Std. Pk.
CBS Series CSB Series	EPCBS3U	26.2 x 49 x 1.5 mm	50
CSTSN Series CSTSB Series	EPCSTSU	31 x 50 x 1.5 mm	50
STH3	EPSTH3	34 x 47 x 1.5 mm	50
STH4	EPSTH4	39.5 x 46 x 1.5 mm	50
STH6	EPSTH6	51 x 63.5 x 1.5 mm	50
STH4DT	EPSTH4DT	37.5 x 86 x 1.5 mm	50



For CBS, CSB, CSTS Series

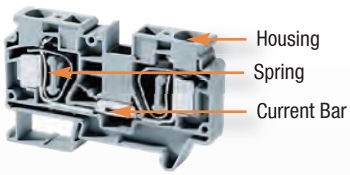
Length	Cat. No.	Std. Pk.
100mm	CSTSPC1-2	10
200mm	CSTSPC1-3	10
300mm	CSTSPC1-4	10

SPRING CLAMP TECHNOLOGY

- Easy Installation
- Versatile and Vibration Proof
- Reliable Gas-tight connection
- Fail proof, safe connection
- NO torque requirements
- Maintenance free
- Terminals accept wires with/ without ferrules

E220514 60947-7-1

MATERIAL SPECIFICATIONS



Current Carrying Metal
Corrosion free material

- Spring: Stainless Steel
- Current Bar: copper tin plated

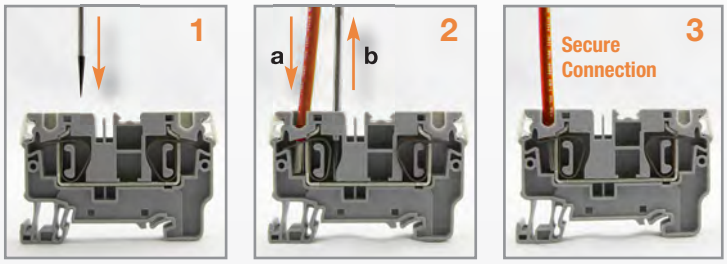
Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit:	105°C
Lower Temperature Limit:	-50°C
Flammability UL94:	V2/ V0
Volume Resistivity:	10^{12} Ω cm
Surface Resistivity:	10^{10} Ω

INSTALLATION GUIDELINES



1 Insert Flat-Head Screw Driver into insertion space to open pre-loaded spring

2 (a) Insert Wire into opening in spring leg.
(b) Remove screwdriver.

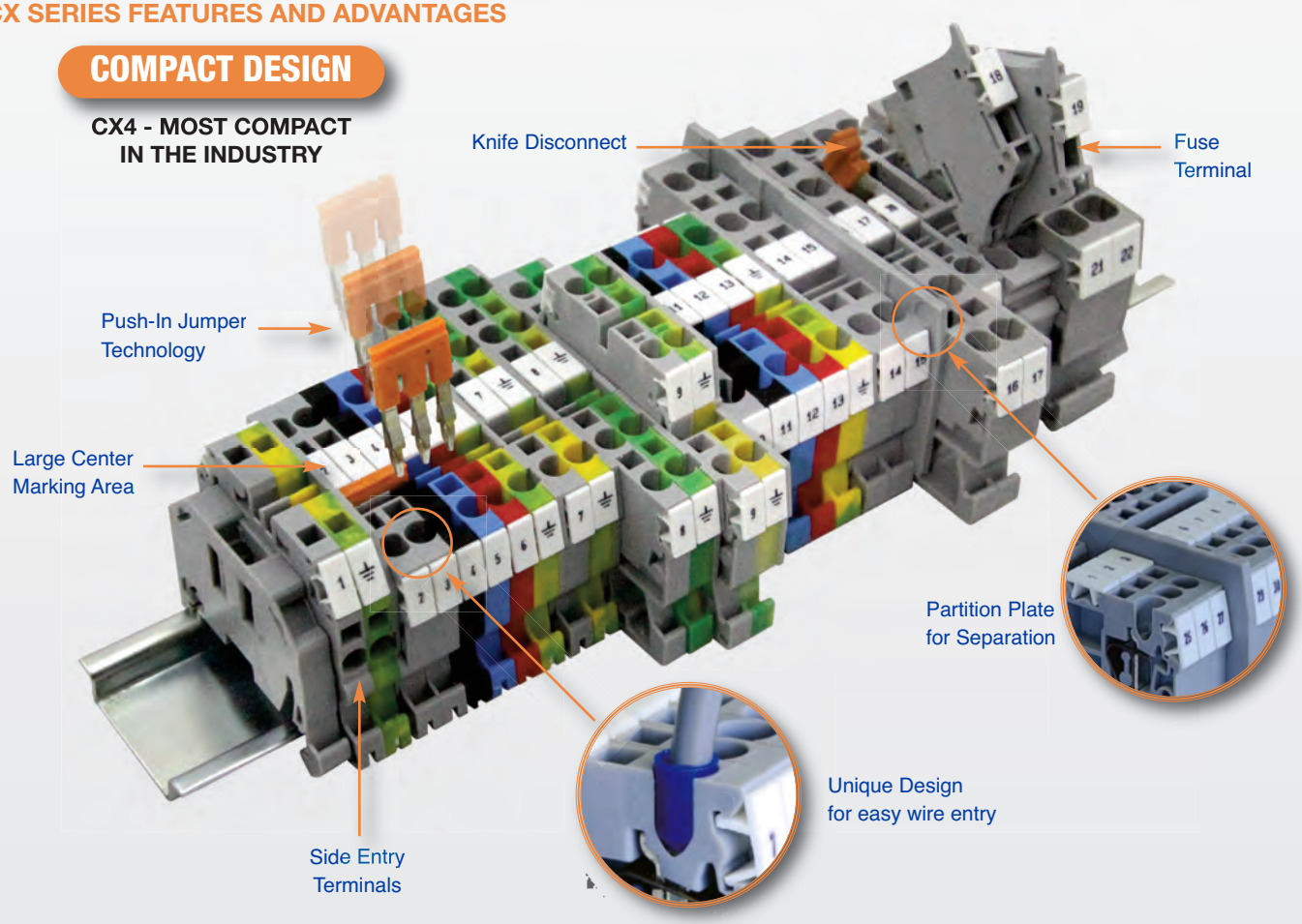
3 The spring force presses conductor against the current bar for a reliable/safe connection

WATCH VIDEO

CX SERIES FEATURES AND ADVANTAGES

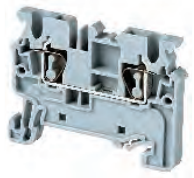
COMPACT DESIGN

CX4 - MOST COMPACT IN THE INDUSTRY

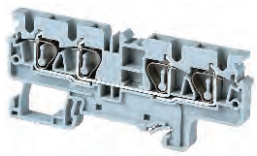


CX Series

FEATURES
- Extremely Compact Design
- CX4 is the most compact in the industry
- Push-In technology jumper system
  - 2, 3, 4 5, 6, 7, 8, 10 pole
  - 2 independent jumper channels
  - Easy breakout of jumper pins for alternate shorting of terminal blocks
  - Felt tip pen marking option
- Center marking tag area
- Unique design in plastic housing for easy wire entry
- Individually mountable partition plates provide electrical and visual separation
- Test Plugs for Test & Measurement needs

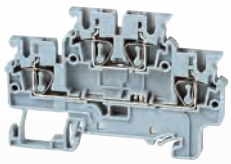


Feed-Though
page 64-65

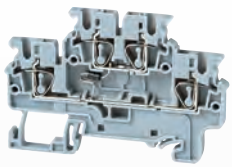


Multi-Connection
page 66-67

Ground/Earth
page 68-70



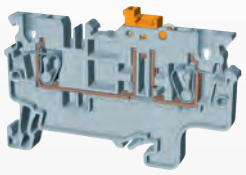
Double Level
page 71



Electronic Component
page 72

Fuse
page 74

Component Carrier
page 75



Disconnect
page 76

Side Entry
page 77

Pluggable
page 78

Hybrid Distribution
page 79

Angular Series

FEATURES
- 45 wire entry for easy installation
- 2.5mm to 8mm terminal blocks (up to 50A)
- Multi-Connection Terminals
- 2, 3, 4 connection ground terminals

Feed-Through
page 80

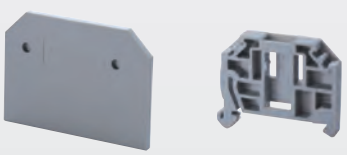
Multi-Connection
page 81

Multi-Level
page 82-83

Ground/Earth
page 84-85

Accessories

Jumpers
page 86



End Plates, Partitions,
End Stops, Test Plugs
page 87

FEED THROUGH TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- Most compact in Industry
- 2, 3, 4, 10 Pole Push-In Jumpers
- 2 Jumper Channels for multiple Jumper options
- 3 and 4 Connection Terminals
- 3 Marking Locations
- Many Colors

APPLICATIONS
- High Vibration Environments
- Machines
- Elevator Cabinets
- Transport

	CX2.5	CX4	CX6
Dimensions	2 Connection Feed-Through 2 Jumper Channels	2 Connection Feed-Through 2 Jumper Channels	2 Connection Feed-Through 2 Jumper Channels
Width	**5 mm**	**6 mm**	**8 mm**
Length	49.7 mm	54.8 mm	62.1 mm
Height w DIN Rail 35 x 7.5 mm	38.0 mm	38.0 mm	43.0 mm
Height w DIN Rail 35 x 15 mm	45.5 mm	45.5 mm	50.5 mm
Weight per piece	6.2 g	9.8 g	14.0 g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**24-12 AWG**	0.2-2.5 mm²	**24-10 AWG**	0.2-4 mm²	**24-8 AWG**	0.2-6 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	20 A	24 A	30 A	32 A	50 A	41 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	10 mm	10 mm	14 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**CX2.5**	100	**CX4**	100	**CX6**	100
Red	R		CX2.5/R	100	CX4/R	100	CX6/R	100
Blue	BU		CX2.5/BU	100	CX4/BU	100	CX6/BU	100
Black	BL		CX2.5/BL	100	CX4/BL	100	CX6/BL	100
Orange	O		CX2.5/O	100	CX4/O	100	CX6/O	100
Green	G		CX2.5/G	100	CX4/G	100	CX6/G	100
Yellow	Y		CX2.5/Y	100	CX4/Y	100	CX6/Y	100
White	W		CX2.5/W	100	CX4/W	100	CX6/W	100

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCX2.5	50	EPCX4	50	EPCX6	50
Partition Plate		PPCX4	20	PPCX4	20	PPCX10	20
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA103	50	CA103	50	CA103	50
Shorting Link/ Jumpers	2 pole	JX2.5/2	100	JX4/2	100	JX6/2	100
	3 pole	JX2.5/3	50	JX4/3	50	JX6/3	50
	4 pole	JX2.5/4	50	JX4/4	50	JX6/4	50
	5 pole	JX2.5/5	50	–	–	–	–
	6 pole	JX2.5/6	10	–	–	–	–
	7 pole	JX2.5/7	10	–	–	–	–
	8 pole	JX2.5/8	10	JX4/8	50	–	–
	10 pole	JX2.5/10	10	JX4/10	10	JX6/10	10
	16 pole	–	–	JX4/16	10	–	–
Test Plug		TX2.5	50	TX4	50	TX6	50
Marking Tag		MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)
Warning Label		WLX2.5	1 Pk. (100 tags)	WLX4	1 Pk. (100 tags)	WLX6	1 Pk. (100 tags)

	CX10	CSC16T	CX2.5/3	CX2.5/4
Dimensions	2 Connection Feed-Through 2 Jump Channels	2 Connection Feed-Through 2 Jump Channels	3 Connection Feed-Through 2 Jump Channels	4 Connection Feed-Through 2 Jumper Channels
Width	**10 mm**	**12 mm**	**5 mm**	**5 mm**
Length	71.7 mm	82.0 mm	62.2 mm	74.7 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57.0 mm	51.6 mm 59.0 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm
Weight per piece	22.4 g	39 g	7.6 g	9.4 g

Technical Data/Ratings

Approvals	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid | stranded)	**24-6 AWG**	0.2-10 mm²	**16-4 AWG**	1.5-16 mm²	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	800V AC/DC	600 V	1000 V AC/DC	600 V	1000V AC/DC
Current Rating	65 A	57 A	85 A	76 A	20 A	24 A	20 A	24 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	18 mm	20 mm	10 mm	10 mm
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 1.0 x 5.5 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

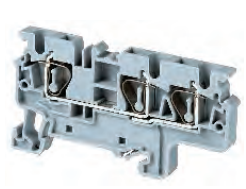
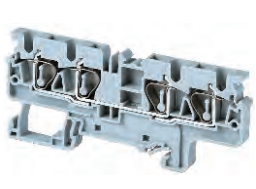
Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CX10**	50	**CSC16T**	50	**CX2.5/3**	100	**CX2.5/4**	50
Red R	CX10/R	50	CSC16T/R	50	CX2.5/3/R	100	CX2.5/4/R	50
Blue BU	CX10/BU	50	CSC16T/BU	50	CX2.5/3/BU	100	CX2.5/4/BU	50
Black BL	CX10/BL	50	CSC16T/BL	50	CX2.53/BL	100	CX2.5/4/BL	50
Orange O	CX10/O	50	CSC16T/O	50	CX2.5/3/O	100	CX2.5/4/O	50
Green G	CX10/G	50	CSC16T/G	50	CX2.5/3/G	100	CX2.5/4/G	50
Yellow Y	CX10/Y	50	CSC16T/Y	50	CX2.5/3/Y	100	CX2.5/4/Y	50
White W	CX10/W	50	CSC16T/W	50	CX2.53/W	100	CX2.5/4/W	50

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX10	20	EPCSC16T	50	EPCX2.5/3	50	EPCX2.5/4	20
Partition Plate	PPCX10	20	–	–	PPCX4/3	20	PPCX4/4	20
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers 2 pole	JX10/2	20	CA801/5	100	JX2.5/2	100	JX2.5/2	100
3 pole	–	–	–	–	JX2.5/3	50	JX2.5/3	50
4 pole	–	–	–	–	JX2.5/4	50	JX2.5/4	50
5 pole	–	–	–	–	JX2.5/5	50	JX2.5/5	50
6 pole	–	–	–	–	JX2.5/6	10	JX2.5/6	10
7 pole	–	–	–	–	JX2.5/7	10	JX2.5/7	10
8 pole	–	–	–	–	JX2.5/8	10	JX2.5/8	10
10 pole	–	–	–	–	JX2.5/10	10	JX2.5/10	10
16 pole	–	–	–	–	–	–	–	–
Test Plug	TX10	50	–	–	TX2.5	50	TX2.5	50
Marking Tag Warning Label	MT10 WLX10	1 Pk. (100 tags) 100	–	–	MT5 WLX2.5	1 Pk. (100 tags) 100	MT5 WLX2.5	1 Pk. (100 tags) 100

MULTIPLE CONNECTION TERMINAL BLOCKS

	CX4/3	CX4/4	CX6/3	CX10/3
				
Dimensions	3 Connection Feed-Through 2 Jumper Channels	4 Connection Feed-Through 2 Jumper Channels	3 Connection Feed-Through 2 Jumper Channels	4 Connection Feed-Through 2 Jumper Channels
Width	**6 mm**	**6 mm**	**8 mm**	**10 mm**
Length	70.5 mm	86.2 mm	82.2 mm	97.0 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm	49.5 mm 57.0 mm
Weight per piece	10.8 g	13.6 g	19.8 g	35.0 g
Technical Data/Ratings				
Approvals	c UL us E220514 / c SP us / IEC 60947-7-1	c UL us E220514 / c SP us / IEC 60947-7-1	c UL us E220514 / c SP us / IEC 60947-7-1	UL / IEC
Wire Size (solid | stranded)	**24-10 AWG** / 0.2-4 mm²	**24-10 AWG** / 0.2-4.0 mm²	**24-8 AWG** / 0.2-6 mm²	**24-6 AWG** / 0.2-10 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	30 A / 32 A	30 A / 32 A	50 A / 41 A	65 A / 57 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions				
Wire Stripping Length	10 mm	10 mm	14 mm	18 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm

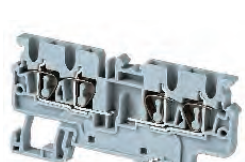
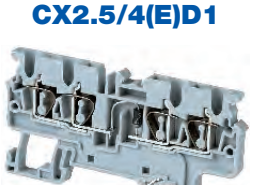
Terminal Blocks

Grey (standard)		CX4/3	CX4/4	CX6/3	CX10/3
Red	R	CX4/3/R	CX4/4/R	CX6/3/R	CX10/3/R
Blue	BU	CX4/3/BU	CX4/4/BU	CX6/3/BU	CX10/3/BU
Black	BL	CX4/3/BL	CX4/4BL	CX6/3/BL	CX10/3BL
Orange	O	CX4/3/O	CX4/4/O	CX6/3/O	CX10/3/O
Green	G	CX4/3/G	CX4/4/G	CX6/3/G	CX10/3/G
Yellow	Y	CX4/3/Y	CX4/4/Y	CX6/3/Y	CX10/3/Y
White	W	CX4/3/W	CX4/4/W	CX6/3/W	CX10/3/W
Std. Pk.		50	50	50	50

Accessories

	CX4/3 Cat. No.	CX4/3 Std. Pk.	CX4/4 Cat. No.	CX4/4 Std. Pk.	CX6/3 Cat. No.	CX6/3 Std. Pk.	CX10/3 Cat. No.	CX10/3 Std. Pk.
End Plate	EPCX4/3	20	EPCX4/4	20	EPCX6/3	20	EPCX10/3	20
Partition Plate	PPCX4/3	20	PPCX4/4	20	–	–	–	–
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers 2 pole	JX4/2	100	JX4/2	100	JX6/2	100	JX10/2	20
3 pole	JX4/3	50	JX4/3	50	JX6/3	50	–	–
4 pole	JX4/4	50	JX4/4	50	JX6/4	50	–	–
5 pole	–	–	–	–	–	–	–	–
6 pole	–	–	–	–	–	–	–	–
7 pole	–	–	–	–	–	–	–	–
8 pole	JX4/8	50	JX4/8	50	–	–	–	–
10 pole	JX4/10	10	JX4/10	10	JX6/10	10	–	–
16 pole	JX4/16	10	JX4/16	10	–	–	–	–
Test Plug	TX4	50	TX4	50	TX6	50	TX10	50
Marking Tag	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT10	1 Pk. (100 tags)
Warning Label	WLX4	1 Pk. (100 tags)	WLX4	1 Pk. (100 tags)	WLX6	1 Pk. (100 tags)	WLX10	1 Pk. (100 tags)

MULTIPLE CONNECTION TERMINAL BLOCKS

	CX2.5/4P	CX2.5/4(E)D1
		
	Double potential Terminal Block. 2 different voltage potentials. 2 Jumper Channels on one side	4 connection spring Terminal Block. With built in Diode (1N4007) for reverse polarity protection to allow current only to flow in one direction

Dimensions

Width		**5 mm**	**5 mm**
Length		74.7 mm	74.7 mm
Height w DIN Rail	35 x 7.5 mm	38.0 mm	38.0 mm
	35 x 15 mm	45.5 mm	45.5 mm
Weight per piece		9.6 g	9.4 g

Technical Data/Ratings

Approvals		E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid | stranded)		**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²
Voltage Rating		600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating		-	-	-	-
Insulation Material		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length		10 mm	10 mm
Screwdriver		Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CX2.5/4P**	50	**CX2.5/4(E)D1**	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCX2.5/4	20	EPCX2.5/4	20
Partition Plate		PPCX4/4	20	PPCX4/4	20
DIN Rail		2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20
End Stop		CA702	50	CA702	50
		CA802	50	CA802	50
		CA103	50	CA103	50
Shorting Link/ Jumpers	2 pole	JX2.5/2	100	JX2.5/2	100
	3 pole	JX2.5/3	50	JX2.5/3	50
	4 pole	JX2.5/4	50	JX2.5/4	50
	5 pole	JX2.5/5	50	JX2.5/5	50
	6 pole	JX2.5/6	10	JX2.5/6	10
	7 pole	JX2.5/7	10	JX2.5/7	10
	8 pole	JX2.5/8	10	JX2.5/8	10
	10 pole	JX2.5/10	10	JX2.5/10	10
	16 pole	–	–	–	–
Test Plug		TX2.5	50	TX2.5	50
Marking Tag		MT5	100	MT5	100
Warning Label		WLX2.5	100	WLX2.5	100

GROUND / EARTH TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- 2, 3, 4 Connection Ground Terminals
- Yellow / Green Color as per Industry Standard
- Snap-On feet
- 3 Marking Locations

APPLICATIONS
- Grounding Applications

	CXG2.5	CXG4	CXG6
Dimensions	2 Connection Ground Terminal 2 Jumper Channels	2 Connection Ground Terminal 2 Jumper Channels	2 Connection Ground Terminal 2 Jumper Channels
Width	**5 mm**	**6 mm**	**8 mm**
Length	49.7 mm	54.8 mm	62.1 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm
Weight per piece	8.4 g	11.0 g	20.2 g

Technical Data/Ratings

	CXG2.5		CXG4		CXG6	
Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid | stranded)	**24-12 AWG**	0.2-2.5 mm²	**24-10 AWG**	0.2-4 mm²	**24-8 AWG**	0.2-6 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	–	–	–	–	–	–
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	CXG2.5	CXG4	CXG6
Wire Stripping Length	10 mm	10 mm	14 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm

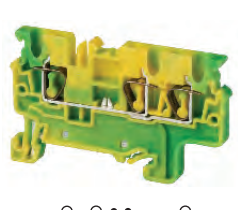
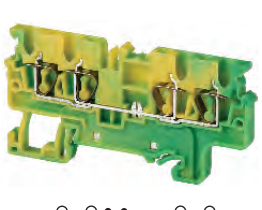
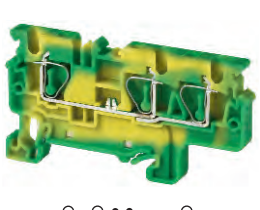
Terminal Blocks

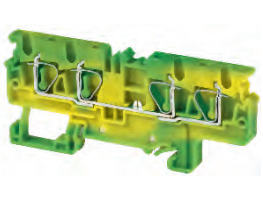
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow / Green	**CXG2.5**	100	**CXG4**	100	**CXG6**	100

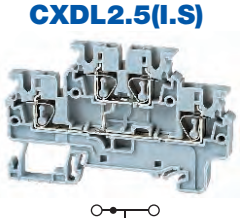
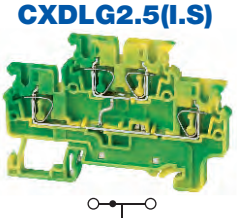
Accessories

		CXG2.5 Cat. No.	CXG2.5 Std. Pk.	CXG4 Cat. No.	CXG4 Std. Pk.	CXG6 Cat. No.	CXG6 Std. Pk.
End Plate		EPCX2.5	50	EPCX4	50	EPCX6	50
Partition Plate		PPCX4	20	PPCX4	20	PPCX10	20
DIN Rail		2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop		CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole	JX2.5/2	100	JX4/2	100	JX6/2	100
	3 pole	JX2.5/3	50	JX4/3	50	JX6/3	50
	4 pole	JX2.5/4	50	JX4/4	50	JX6/4	50
	5 pole	JX2.5/5	50	–	–	–	–
	6 pole	JX2.5/6	10	–	–	–	–
	7 pole	JX2.5/7	10	–	–	–	–
	8 pole	JX2.5/8	10	JX4/8	50	–	–
	10 pole	JX2.5/10	10	JX4/10	10	JX6/10	10
	16 pole	–	–	JX4/16	10	–	–
Test Plug		TX2.5	50	TX4	50	TX6	50
Marking Tag Warning Label		MT5 WLX2.5	100 50	MT6 WLX4	100 100	MT8 WLX6	100 100

MULTIPLE CONNECTION GROUND / EARTH TERMINAL BLOCKS

	CXG10	CXG2.5/3	CXG2.5/4	CXG4/3
				
Dimensions	2 Connection Ground Terminal 2 Jumper Channels	3 Connection Ground Terminal 2 Jumper Channels	4 Connection Ground Terminal 2 Jumper Channels	3 Connection Ground Terminal 2 Jumper Channels
Width	**10 mm**	**5 mm**	**5 mm**	**6 mm**
Length	62.1 mm	62.2 mm	74.7 mm	70.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	43.0 mm 50.5 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm	38.0 mm 45.5 mm
Weight per piece	29.4 g	10.2 g	12.4 g	14.0 g
Technical Data/Ratings				
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid | stranded)	**24-6 AWG** / 0.2-10 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-10 AWG** / 0.2-4 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	– / –	– / –	– / –	– / –
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions				
Wire Stripping Length	18 mm	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Yellow / Green	**CXG10** / 50	**CXG2.5/3** / 100	**CXG2.5/4** / 50	**CXG4/3** / 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCX10 / 20	EPCX2.5/3 / 50	EPCX2.5/4 / 20	EPCX4/3 / 20
Partition Plate	PPCX10 / 20	PPCX4/3 / 20	PPCX4/4 / 20	PPCX4/3 / 20
DIN Rail	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 10	2511120 / 20 CA701-15/S / 10	2511120 / 20 CA701-15/S / 10
End Stop	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50
Shorting Link/ Jumpers 2 pole	JX10/2 / 20	JX2.5/2 / 100	JX4/2 / 100	JX6/2 / 100
3 pole	– / –	JX2.5/3 / 50	JX4/3 / 50	JX6/3 / 50
4 pole	– / –	JX2.5/4 / 50	JX4/4 / 50	JX6/4 / 50
5 pole	– / –	JX2.5/5 / 50	– / –	– / –
6 pole	– / –	JX2.5/6 / 10	– / –	– / –
7 pole	– / –	JX2.5/7 / 10	– / –	– / –
8 pole	– / –	JX2.5/8 / 10	JX4/8 / 50	– / –
10 pole	– / –	JX2.5/10 / 10	JX4/10 / 10	JX6/10 / 10
16 pole	– / –	– / –	JX4/16 / 10	– / –
Test Plug	TX10 / 50	TX2.5 / 50	TX2.5 / 50	TX4 / 50
Marking Tag Warning Label	MT10 / 100 WLX10 / 100	MT5 / 100 WLX2.5 / 100	MT5 / 100 WLX2.5 / 100	MT6 / 100 WLX4 / 100

	CXG4/4	CXG6/3	CXG10/3
			
Dimensions	4 Connection Ground Terminal 2 Jumper Channels	3 Connection Ground Terminal 2 Jumper Channels	3 Connection Ground Terminal 2 Jumper Channels
Width	**6 mm**	**8 mm**	**10 mm**
Length	86.2 mm	82.2 mm	82.2 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38.0 mm 45.5 mm	43.0 mm 50.5 mm	43.0 mm 50.5 mm
Weight per piece	17.2 g	26.0 g	35.0 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA C US / IEC 60947-7-1	cULus E220514 / CSA C US / IEC 60947-7-1	UL / IEC 60947-7-1
Wire Size (solid | stranded)	**24-10 AWG** / 0.2-4 mm²	**24-8 AWG** / 0.2-6 mm²	**24-6 AWG** / 0.2-10 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	– / –	– / –	– / –
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	10 mm	10 mm	18 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Yellow / Green	**CXG4/4** / 50	**CXG6/3** / 50	**CXG10/3** / 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCX4/4 / 20	EPCX6/3 / 20	EPCX10/3 / 20
Partition Plate	PPCX4/4 / 20	– / –	– / –
DIN Rail	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 20
End Stop	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50
Shorting Link/ Jumpers 2 pole	JX4/2 / 100	JX6/2 / 100	JX10/2 / 20
3 pole	JX4/3 / 50	JX6/3 / 50	– / –
4 pole	JX4/4 / 50	JX6/4 / 50	– / –
5 pole	– / –	– / –	– / –
6 pole	– / –	– / –	– / –
7 pole	– / –	– / –	– / –
8 pole	JX4/8 / 50	– / –	– / –
10 pole	JX4/10 / 10	JX6/10 / 10	– / –
16 pole	JX4/16 / 10	– / –	– / –
Test Plug	TX4 / 50	TX6 / 50	TX10 / 50
Marking Tag	MT6 / 100	MT8 / 100	MT10 / 100
Warning Label	WLX4 / 100	WLX6 / 100	WLX10 / 100

	CXDL2.5	CXDL2.5(I.S)	CXDLG2.5	CXDLG2.5(I.S)
				
	Double Level Terminal Jumpers / Marking on both levels	Double Level Terminal Internally Shorted	Top Level Feed-Through Bottom Level Grounding Circuit	4 Connection Ground Terminal
Dimensions				
Width	**5 mm**	**5 mm**	**5 mm**	**5 mm**
Length	71 mm	71 mm	71 mm	71 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57 mm	49.5 mm 57 mm	49.5 mm 57 mm	49.5 mm 57 mm
Weight per piece	10.4 g	11.0 g	13.2 g	13.8 g
Technical Data/Ratings				
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid | stranded)	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	20 A / 24 A	20 A / 24 A	20 A (Top Level) / 24 A (Top Level)	- / -
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions				
Wire Stripping Length	10 mm	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CXDL2.5**	50	**CXDL2.5(I.S)**	50	**CXDLG2.5**	50	**CXDLG2.5(I.S)**	50
Red R	CXDL2.5/R	50	CXDL2.5(I.S)/R	50	Yellow / Green		Yellow / Green	
Blue BU	CXDL2.5/BU	50	CXDL2.5(I.S)/BU	50				
Black BL	CXDL2.5BL	50	CXDL2.5(I.S)/BL	50				
Orange O	CXDL2.5/O	50	CXDL2.5(I.S)/O	50				
Green G	CXDL2.5/G	50	CXDL2.5(I.S)/G	50				
Yellow Y	CXDL2.5/Y	50	CXDL2.5(I.S)/Y	50				
White W	CXDL2.5/W	50	CXDL2.5(I.S)/W	50				

Accessories

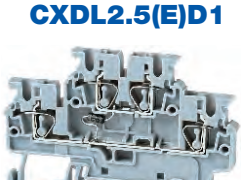
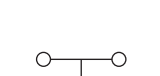
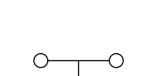
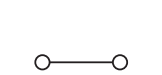
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50
Partition Plate	–	–	–	–	–	–	–	–
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers 2 pole 3 pole 4 pole 5 pole 6 pole 7 pole 8 pole 10 pole 16 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –
Test Plug	TX2.5	50	TX2.5	50	TX2.5	50	TX2.5	50
Marking Tag Warning Label	MT5 WLX2.5	100 100	MT5 WLX2.5	100 100	MT5 WLX2.5	100 100	MT5 WLX2.5	100 100

TERMINAL BLOCKS WITH ELECTRONIC COMPONENTS

HIGHLIGHTS

FEATURES
- Various configurations of Electronic Components soldered into CXDL2.5 double level Terminal Block
- Various Diode/ Resistor combinations
- Various Indicator options
- 4 Connection points for convenient wiring

APPLICATIONS
- Reverse polarity protection
- Lamp Testing
- AC/ DC voltage Indication

	CXDL2.5(E)D1	CXDL2.5(E)D2	CXDL2.5(E)D3
			
			
Dimensions	Arc Suppression Circuit Diode	Arc Suppression Circuit Diode	Reverse Polarity Protection Diode
Width	**5 mm**	**5 mm**	**5 mm**
Length	72.7 mm	72.7 mm	72.7 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm
Weight per piece	10.6 g	10.6 g	10.6 g

Technical Data/Ratings

Approvals	cULus E220514	CSA 60947-7-1	cULus E220514	CSA 60947-7-1	cULus E220514	CSA 60947-7-1
Wire Size (solid | stranded)	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²	**24-12 AWG**	0.2-2.5 mm²
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC
Current Rating	-	-	-	-	20 A (Top Level)	24 A (Top Level)
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Electronic Component Specifications

Diode Type	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	-	-	-

Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CXDL2.5(E)D1**	50	**CXDL2.5(E)D2**	50	**CXDL2.5(E)D3**	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCXDL2.5	50	EPCXDL2.5	50	EPCXDL2.5	50
DIN Rail		2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop		CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 5 pole 6 pole 7 pole 8 pole 10 pole 16 pole	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –
Marking Tag		MT5	100	MT5	100	MT5	100

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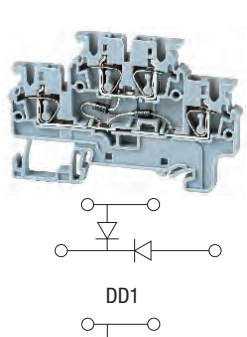
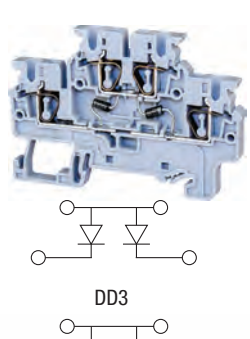
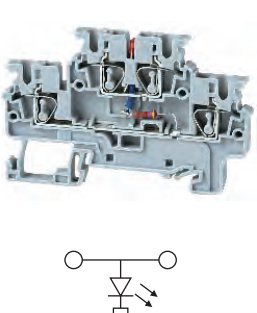
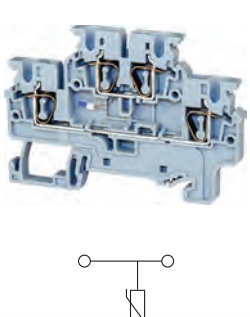
	CXDL2.5(E)DD1/DD2	CXDL2.5(E)DD3/DD4	CXDL2.5(E)LD1	CXDL2.5(E)TS1
	 DD1	 DD3		
	Diode Circuit for lamp testing DD2	Diode Circuit for lamp testing DD4	Voltage Indicator	PT100 Temperature Sensor
Dimensions				
Width	**5 mm**	**5 mm**	**5 mm**	**5 mm**
Length	72.7 mm	72.7 mm	72.7 mm	72.7 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm	49.5 mm 57.0 mm
Weight per piece	10.6 g	10.6 g	10.6 g	12.2 g
Technical Data/Ratings				
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	UL / IEC 60947-7-1
Wire Size (solid | stranded)	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	- / -	- / -	- / -	- / -
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66	Polyamide 66
Electronic Component Specifications				
Diode Type	1N 4007	1N 4007	1N 4007	1N 4007
Diode Reverse Voltage / Current	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A	1000 V / 1 A
Indicator Voltage	-	-	6-60V / 110-240V	-
Installation Instructions				
Wire Stripping Length	10 mm	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm
Terminal Blocks	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
Grey (standard)	**CXDL2.5(E)DD1** 50 **CXDL2.5(E)DD2** 50	**CXDL2.5(E)DD3** 50 **CXDL2.5(E)DD4** 50	**CXDL2.5(E)LD1/6-60V** 50 **CXDL2.5(E)LD1/110-240V** 50	**CXDL2.5(E)TS1** 50
Accessories	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.	Cat. No. / Std. Pk.
End Plate	EPCXDL2.5 / 50	EPCXDL2.5 / 50	EPCXDL2.5 / 50	EPCXDL2.5 / 50
DIN Rail	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 20	2511120 / 20 CA701-15/S / 20
End Stop	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50	CA702 / 50 CA802 / 50 CA103 / 50
Shorting Link/ Jumpers 2 pole	JX2.5/2 / 100	JX2.5/2 / 100	JX2.5/2 / 100	JX2.5/2 / 100
3 pole	JX2.5/3 / 50	JX2.5/3 / 50	JX2.5/3 / 50	JX2.5/3 / 50
4 pole	JX2.5/4 / 50	JX2.5/4 / 50	JX2.5/4 / 50	JX2.5/4 / 50
5 pole	JX2.5/5 / 50	JX2.5/5 / 50	JX2.5/5 / 50	JX2.5/5 / 50
6 pole	JX2.5/6 / 10	JX2.5/6 / 10	JX2.5/6 / 10	JX2.5/6 / 10
7 pole	JX2.5/7 / 10	JX2.5/7 / 10	JX2.5/7 / 10	JX2.5/7 / 10
8 pole	JX2.5/8 / 10	JX2.5/8 / 10	JX2.5/8 / 10	JX2.5/8 / 10
10 pole	JX2.5/10 / 10	JX2.5/10 / 10	JX2.5/10 / 10	JX2.5/10 / 10
16 pole	– / –	– / –	– / –	– / –
Marking Tag	MT5 / 100	MT5 / 100	MT5 / 100	MT5 / 100

FUSE TERMINAL BLOCKS 5 x 20 mm

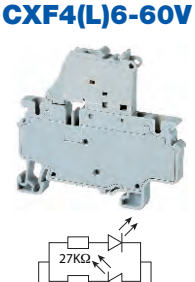
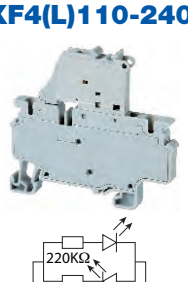
HIGHLIGHTS

FEATURES

- CXF4 Series accepts 5x20mm / 5x25mm fuse types
- Completely enclosed, no endplates
- Version with LED for blown fuse indication
- AC and DC compatible
- Large marking area
- No polarity required

APPLICATIONS

- Control systems with fuse protection

	CXF4	CXF4(L)6-60V	CXF4(L)110-240V
			
Dimensions			
Width	**6 mm**	**6 mm**	**6 mm**
Length	65.4 mm	65.4 mm	65.4 mm
Height w DIN Rail 35 x 7.5 mm	61.3 mm	61.3 mm	61.3 mm
Height w DIN Rail 35 x 15 mm	68.8 mm	68.8 mm	68.8 mm
Weight per piece	16 g	16 g	16 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid | stranded)	**24-10 AWG** / 0.2-4 mm²	**24-10 AWG** / 0.2-4 mm²	**24-10 AWG** / 0.2-4 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	10 A / 10 A	10 A / 10 A	10 A / 10 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Fuse Specifications			
Fuse Type	**5x20 mm**	**5x20 mm**	**5x20 mm**
LED Indicator Voltage	– / –	**6-60V AC/DC**	**110-240V AC/DC**
Installation Instructions			
Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

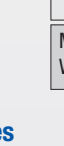
Terminal Blocks

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**CXF4**	50	**CXF4(L)6-60V**	50	**CXF(L)110-240V**	50
Blue	BU	CXF4/BU	50	CXF4(L)6-60V/BU	50	CXF4(L)110-240V/BU	50
Black	BL	CXF4/BL	50	CXF4(L)6-60V/BL	50	CXF4(L)110-240V/BL	50

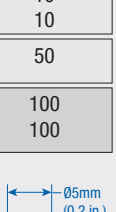
Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	10	CA701-15/S	10	CA701-15/S	10
Shorting Link/ Jumpers	2 pole	JX4/2	100	JX4/2	100	JX4/2	100
	3 pole	JX4/3	50	JX4/3	50	JX4/3	50
	4 pole	JX4/4	50	JX4/4	50	JX4/4	50
	8 pole	JX4/8	50	JX4/8	50	JX4/8	50
	10 pole	JX4/10	10	JX4/10	10	JX4/10	10
	16 pole	JX4/16	10	JX4/16	10	JX4/16	10
Test Plug		TX4	50	TX4	50	TX4	50
Marking Tag		MT6	100	MT6	100	MT6	100
Warning Label		WLX4	100	WLX4	100	WLX4	100

Fuses 5 x 20 mm



Current Rating	Slow Blow Cat. No	Fast Blow Cat. No	Current Rating	Slow Blow Cat. No	Fast Blow Cat. No
0.1A	0.1M5x20T	0.1M5x20F	4.0A	4.0M5x20T	4.0M5x20F
0.2A	0.2M5x20T	0.2M5x20F	5.0A	5.0M5x20T	5.0M5x20F
0.5A	0.5M5x20T	0.5M5x20F	6.3A	6.3M5x20T	6.3M5x20F
1.0A	1.0M5x20T	1.0M5x20F	8.0A	8.0M5x20T	8.0M5x20F
2.0A	2.0M5x20T	2.0M5x20F	10.0A	10.0M5x20T	10.0M5x20F



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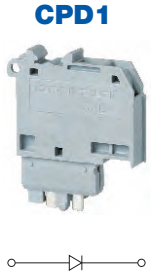
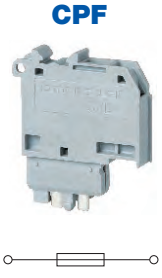
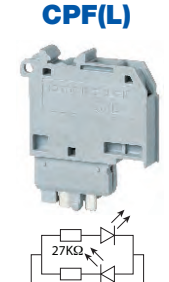
	CXCC4	CPD1	CPF	CPF(L)
				

Dimensions

Width	**6 mm**	**6 mm**	**6 mm**	**6 mm**
Length	65.4 mm	28 mm	28 mm	28 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	61.3 mm 68.8 mm			
Weight per piece	10.2 g	3.8 g	3.8 g	4.2 g

Technical Data/Ratings

Approvals	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Wire Size (solid | stranded)	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²	**24-10 AWG**	0.2-4 mm²				
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC	600 V	1000V AC/DC				
Current Rating	*	*	1 A	1 A	10 A	10 A	10 A	10 A				
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66					

Carrier Specifications

Component Type	**Component carrier base**	**Plug module with diode Diode Type IN4007**	**Plug module for 5x20 mm fuse**	**Plug module for 5x20 mm fuse with LED indicator**
LED Indicator Voltage	–	–	–	**6-60V AC/DC 110-240V AC/DC**

Installation Instructions

Wire Stripping Length	10 mm	–	–	–
Screwdriver	Flat Head 0.6 x 3.5 mm	–	–	–

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CXCC4**	50	**CPD1**	50	**CPF**	50	**CPF(L)6-60V** **CPF(L)110-240V**	50 50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail		2511120 CA701-15/S	20 10	– –	– –	– –	– –	– –	– –
End Stop		CA702 CA802 CA103	50 50 50	– – –	– – –	– – –	– – –	– – –	– – –
Shorting Link/ Jumpers	2 pole 3 pole 4 pole 8 pole 10 pole 16 pole	JX4/2 JX4/3 JX4/4 JX4/8 JX4/10 JX4/16	100 50 50 50 10 10	– – – – – –	– – – – – –	– – – – – –	– – – – – –	– – – – – –	– – – – – –
Test Plug		TX4	50	–	–	–	–	–	–
Marking Tag Warning Label		MT6 SWL4	100 50	MT6 –	100 –	MT6 –	100 –	MT6 –	100 –

* Current rating is based on plug used.

	CXK2.5	CXK2.5/4	CXK4
Dimensions	2 Connection Disconnect 2 Jumper Channels	4 Connection Disconnect 2 Jumper Channels	2 Connection Disconnect 2 Jumper Channels
Width	**5 mm**	**5 mm**	**6 mm**
Length	62.2 mm	74.7 mm	70.5 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38 mm 45.5 mm	38 mm 45.5 mm	38 mm 45.5 mm
Weight per piece	8.65 g	11.9 g	11.2 g
Technical Data/Ratings			
Approvals	E220514 / 60947-7-1	E220514 / 60947-7-1	E220514 / 60947-7-1
Wire Size (solid | stranded)	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	16A / 20A	16A / 20A	22A / 22A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CXK2.5**	50	**CXK2.5/4**	50	**CXK4**	50
Red R	CXK2.5/R	50	CXK2.5/4/R	50	CXK4/R	50
Blue BU	CXK2.5/BU	50	CXK2.5/4/BU	50	CXK4/BU	50
Black BL	CXK2.5/BL	50	CXK2.5/4/BL	50	CXK4/BL	50
Orange O	CXK2.5/O	50	CXK2.5/4/O	50	CXK4/O	50
Green G	CXK2.5/G	50	CXK2.5/4/G	50	CXK4/G	50
Yellow Y	CXK2.5/Y	50	CXK2.5/4/Y	50	CXK4/Y	50
White W	CXK2.5/W	50	CXK2.5/4/W	50	CXK4/W	50

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCX2.5/3	50	EPCX2.5/4	50	–	–
Partition Plate		PPCX4/3	20	PPCX4/4	20	PPCX4/3	20
DIN Rail		2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10	2511120 CA701-15/S	20 10
End Stop		CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Shorting Link/ Jumpers		JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX2.5/2 JX2.5/3 JX2.5/4 JX2.5/5 JX2.5/6 JX2.5/7 JX2.5/8 JX2.5/10 –	100 50 50 50 10 10 10 10 –	JX4/2 JX4/3 JX4/4 – – – JX4/8 JX4/10 JX4/16	100 50 50 – – – 10 10 10
2 pole 3 pole 4 pole 5 pole 6 pole 7 pole 8 pole 10 pole 16 pole							
Test Plug		TX2.5	50	TX2.5	50	TX4	50
Marking Tag Warning Label		MT5 WLX2.5	100 100	MT5 WLX2.5	100 100	MT6 WLX4	100 100

SIDE ENTRY FEED THROUGH TERMINAL BLOCKS

Dimensions

	CXS2.5	CXS4	CXSG2.5, CXSG4
	5 mm Side Entry Feed Through	6 mm Side Entry Feed Through	5 / 6 mm Side Entry Ground Terminal
Width	**5 mm**	**6 mm**	**5 / 6 mm**
Length	43 mm	43 mm	43 mm
Height w DIN Rail 35 x 7.5 mm	43.5 mm	43.5 mm	43.5 mm
Height w DIN Rail 35 x 15 mm	51 mm	51 mm	51 mm
Weight per piece	5.4 g	g	8.4 g

Technical Data/Ratings

	CXS2.5	CXS4	CXSG2.5, CXSG4
Approvals	cULus E220514, cSAus, IEC 60947-7-1	UL, IEC 60947-7-1	cULus E220514, cSAus, IEC 60947-7-1
Wire Size	**24-12 AWG** / 0.2-2.5 mm²	**-** / -	**24-12 AWG** / 0.2-2.5 mm²
Wire Size	- / -	**24-10 AWG** / 0.2-4 mm²	**24-10 AWG** / 0.2-4 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	600 V / 1000V AC/DC
Current Rating	20A / 24A	30A / 32A	– / –
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66

Installation Instructions

	CXS2.5	CXS4	CXSG2.5, CXSG4
Wire Stripping Length	9 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

		CXS2.5 Cat. No.	CXS2.5 Std. Pk.	CXS4 Cat. No.	CXS4 Std. Pk.	CXSG2.5, CXSG4 Cat. No.	CXSG2.5, CXSG4 Std. Pk.
Grey (standard)		**CXS2.5**	50	**CXS4**	50	**CXSG2.5**	50
Red	R	CXS2.5/R	50	CXS4/R	50	**CXSG4**	50
Blue	BU	CXS2.5/BU	50	CXS4/BU	50	Yellow / Green	
Black	BL	CXS2.5/BL	50	CXS4/BL	50		
Orange	O	CXS2.5/O	50	CXS4/O	50		
Green	G	CXS2.5/G	50	CXS4/G	50		
Yellow	Y	CXS2.5/Y	50	CXS4/Y	50		
White	W	CXS2.5/W	50	CXS4/W	50		

Accessories

		CXS2.5 Cat. No.	CXS2.5 Std. Pk.	CXS4 Cat. No.	CXS4 Std. Pk.	CXSG2.5, CXSG4 Cat. No.	CXSG2.5, CXSG4 Std. Pk.
End Plate		EPCXS2.5	50	EPCXS2.5	50	EPCXS2.5	50
						EPCXS2.5	50
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA103	50	CA103	50	CA103	50
Shorting Link/ Jumpers	2 pole	JX2.5/2	100	JX4/2	100	JX2.5/2	100
	3 pole	JX2.5/3	50	JX4/3	50	JX2.5/3	50
	4 pole	JX2.5/4	50	JX4/4	50	JX2.5/4	50
	5 pole	JX2.5/5	50	–	–	JX2.5/5	50
	6 pole	JX2.5/6	10	–	–	JX2.5/6	10
	7 pole	JX2.5/7	10	–	–	JX2.5/7	10
	8 pole	JX2.5/8	10	JX4/8	10	JX2.5/8	10
	10 pole	JX2.5/10	10	JX4/10	10	JX2.5/10	10
	16 pole	–	–	JX4/16	10	–	–
Test Plug		TX2.5	50	–	–	–	–
Marking Tag		MT5	100	MT5	100	MT5	100
Warning Label		WLX2.5	100	WLX2.5	100	WL2.5	100

HIGHLIGHTS

FEATURES

- Side Entry Spring Terminals
- Compact Design
- Same Jumpers as regular CX Series
- 5mm and 6mm Feed Through Terminal
- 2 Connection Ground Blocks
- Low Height requirements

APPLICATIONS

- Flat Cabinets
- Same wire entry as regular screw terminals

PLUGGABLE FEED-THROUGH TERMINAL BLOCKS

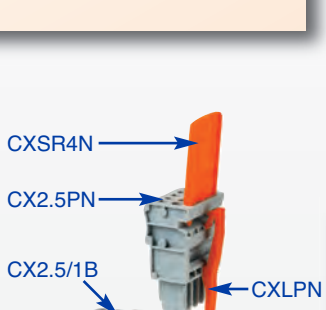
HIGHLIGHTS

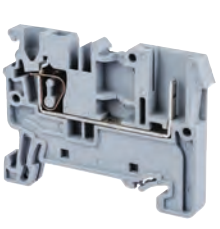
FEATURES

- Pluggable Terminal Blocks
- Pluggable Wire to DIN Rail connection (**CX2.5/1B-CX2.5PN**)
- Pluggable Wire to Wire Connection (**CX2.5SN - CX2.5PN**)
- Easy Clip multi-wire solution
- Polarizing plug with coding pin CXPOL
- 2/4 way strain relief (**CXS2RN**, **CXS4RN**)

APPLICATIONS

- Wire harness for easy connection
- Pluggable wire to wire connection inside panels



	CX2.5/1B	CX2.5PN	CX2.5SN
			
Dimensions & Weight	DIN Rail Base	Stackable Terminal Plug	Stackable Terminal Socket
Width	**5 mm**	**5 mm**	**5 mm**
Length	50.8 mm	17.5 mm	18 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	38.2 mm 45.7 mm	42.0 mm	40.0 mm
Weight per piece	6.6 g	6.3 g	6.0 g
Technical Data/Ratings			
Approvals	UL / IEC 60947-7-1	UL / IEC 60947-7-1	UL / IEC 60947-7-1
Wire Size (solid / stranded)	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	300 V / 800 V	300 V / 800 V	300 V / 800 V
Current Rating	20 A / 24 A	20 A / 24 A	20 A / 24 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	8 mm	8 mm	8 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard) Start Element	**CX2.5/1B**	100	**CX2.5PN**	**50**	**CX2.5SN**	**50**
Last Element			CX2.5PLN	50	CX2.5SLN	50
2 pole			CX2.5PN/2	50	CX2.5SN/2	50
3 pole			CX2.5PN/3	50	CX2.5SN/3	50
4 pole			CX2.5PN/3	50	CX2.5SN/4	50
5 pole			CX2.5PN/4	50	CX2.5SN/5	50
6 pole			CX2.5PN/5	50	CX2.5SN/6	50

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCX2.5	50	–	–	–	–
DIN Rail	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Clamp	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50
	CA103	50	CA103	50	CA103	50
Shorting Link/ Jumpers 2 pole	JX2.5/2	100	–	–	–	–
3 pole	JX2.5/3	50	–	–	–	–
4 pole	JX2.5/4	50	–	–	–	–
5 pole	JX2.5/5	50	–	–	–	–
6 pole	JX2.5/6	10	–	–	–	–
7 pole	JX2.5/7	10	–	–	–	–
8 pole	JX2.5/8	10	–	–	–	–
10 pole	JX2.5/10	10	–	–	–	–
DIN Mounting Foot	–	–	–	–	CXDIN	25
Locking Clip	–	–	CXLPN	25	–	–
Strain Relief 2 Way	–	–	CXSR2N	25	CXSR2N	25
4 Way	–	–	CXSR4N	25	CXSR4N	25
Coding Pin	CXPOL	25	CXPOL	25	CXPOL	25
Marking Tag	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)

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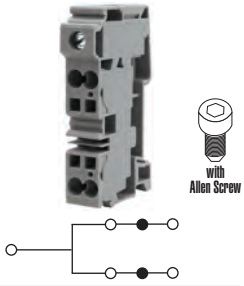
COMPACT HYBRID DISTRIBUTION TERMINAL BLOCKS

CXDB35/10

1 Flat Head Screw Input
4 Spring Clamp Outputs

CXDB35/10A



1 Hex Screw Input
4 Spring Clamp Outputs

Dimensions & Weight

Width	**16 mm**	**16 mm**
Length	81.6 mm	81.6 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	46.8 mm 54.3 mm	46.8 mm 54.3 mm
Weight per piece	53.2 g	53.2 g

General Specifications

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Voltage Rating	600 V	1000V AC/DC	600 V	1000V AC/DC
Insulation Material	Polyamide 66		Polyamide 66	

INPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**14-2 AWG**	1.5-35 mm²	**14-2 AWG**	1.5-35 mm²
Current Rating	115 A	125 A	115 A	125 A
Torque	25 lb-in	2.5 Nm	25 lb-in	2.5 Nm

Installation Instructions

Wire Stripping Length	17 mm		17 mm	
Screwdriver	Flat Head 1.0 x 5.5 mm		Hex Screw M5	

OUTPUT

Technical Data/Ratings

Wire Size (solid / stranded)	**24-8 AWG**	0.2-10 mm²	**24-8 AWG**	0.2-10 mm²
Current Rating	41 A	41 A	41 A	41 A

Installation Instructions

Wire Stripping Length	15 mm		15 mm	
Screwdriver	Flat Head 0.8 x 4 mm		Flat Head 0.8 x 4 mm	

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey	**CXDB35/10**	20	**CXDB35/10A**	20

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Clamp	CA702 CA802 CA103	50 50 50	CA702 CA802 CA103	50 50 50
Jumpers	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10	JX6/2 JX6/3 JX6/4 JX6/10	100 50 50 10
Marking Tag	MT16	1 Pk. (100 tags)	MT16	1 Pk. (100 tags)

HIGHLIGHTS

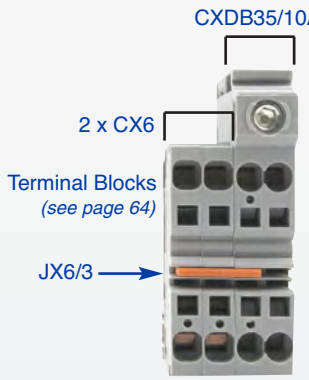
FEATURES

- Hybrid Distribution Terminal Block
  - Screw input (115A)
  - 4 spring clamp outputs (4 x41A)
- Modular system
- Standard slot & hex screw versions
- Expandable with standard CX Series jumpers and terminal blocks
- Easy Installation

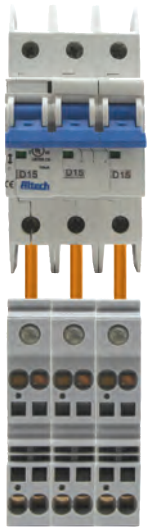
APPLICATIONS

- Miniature Circuit Breaker (MCB) distribution
- Limited space distribution

Output Expansion



MCB Distribution Example



ANGULAR FEED-THROUGH

HIGHLIGHTS

FEATURES

- 45" Wire entry for easy installation
- 2.5mm to 8mm terminal blocks
- 22-8 AWG wire sizes
- 2, 3, and 4 Connection **Ground Terminals**
- Accessories

APPLICATIONS

- Panels with limited wiring space
- Vibration Applications
- Elevator Cabinets
- People Movers
- Transportation

Dimensions & Weight

		AS2.5	AS4	AS6
		2 Connection Feed-Through 2 Jumper Slots	2 Connection Feed-Through 2 Jumper Slots	2 Connection Feed-Through 2 Jumper Slots
Width		**5 mm**	**6 mm**	**8 mm**
Length		54 mm	61.5 mm	74 mm
Height w DIN Rail	35 x 7.5 mm	44.0 mm	44.0 mm	49.3 mm
	35 x 15 mm	51.0 mm	51.0 mm	57.0 mm
Weight per piece		6.5 g	9.0 g	14.8 g

Technical Data/Ratings

	AS2.5		AS4		AS6	
Approvals	E220514	60947-7-1	E220514	60947-7-1	E220514	60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.34-2.5 mm²	**22-10 AWG**	0.2-4 mm²	**22-8 AWG**	0.2-6 mm²
Voltage Rating	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC
Current Rating	25 A	24 A	35 A	32 A	50 A	41 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	AS2.5	AS4	AS6
Wire Stripping Length	11 mm	15 mm	15 mm
Screwdriver	Flat Head 0.5 x 3mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

		AS2.5 Cat. No.	AS2.5 Std. Pk.	AS4 Cat. No.	AS4 Std. Pk.	AS6 Cat. No.	AS6 Std. Pk.
Grey (standard)		**AS2.5**	100	**AS4**	100	**AS6**	50
Red	R	AS2.5/R	100	AS4/R	100	AS6/R	50
Blue	BU	AS2.5/BU	100	AS4/BU	100	AS6/BU	50
Black	BL	AS2.5/BL	100	AS4/BL	100	AS6/BL	50
Orange	O	AS2.5/O	100	AS4/O	100	AS6/O	50
Green	G	AS2.5/G	100	AS4/G	100	AS6/G	50
Yellow	Y	AS2.5/Y	100	AS4/Y	100	AS6/Y	50
White	W	AS2.5/W	100	AS4/W	100	AS6/W	50

Accessories

		AS2.5 Cat. No.	AS2.5 Std. Pk.	AS4 Cat. No.	AS4 Std. Pk.	AS6 Cat. No.	AS6 Std. Pk.
End Plate		EPAS2.5	50	EPAS4	50	EPAS6	50
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop		CA103	50	CA103	50	CA103	50
		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
2 Pole Jumper		CA801/1	100	CA801/2	100	CA801/3	100
Jumpers Alternate		CA801/1-3	100	CA801/2-3	100	CA801/3-3	100
Push in wire jumper		CA901/1	100	CA901/2	100	CA901/3	100
Step Down Jumper	AS6 to AS4	–	–	CA901/4	100	CA901/4	100
	AS6 to AS2.5	CA901/5	100	–	–	CA901/5	100
	AS4 to AS2.5	CA901/6	100	CA901/6	100	–	–
	AS6 to AS2.5	CA801/8	100	–	–	CA801/8	100
Marking Tag		MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

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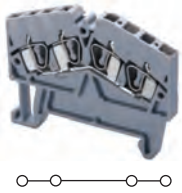
MULTI-CONNECTION ANGULAR FEED-THROUGH



Dimensions & Weight

	AS2.5/3	AS2.5/4	AS4/3	AS4/4
	3 Connection Feed-Through 2 Jumper Slots	4 Connection Feed-Through	3 Connection Feed-Through 2 Jumper Slots	4 Connection Feed-Through
Width	**5 mm**	**5 mm**	**6 mm**	**6 mm**
Length	54 mm	54 mm	61.5 mm	61.5 mm
Height w DIN Rail 35 x 7.5 mm	44.0 mm	44.0 mm	44.0 mm	44.0 mm
Height w DIN Rail 35 x 15 mm	51.0 mm	51.0 mm	51.0 mm	51.0 mm
Weight per piece	7.5 g	15.5 g	11.0 g	12.6 g

Technical Data/Ratings

	AS2.5/3		AS2.5/4		AS4/3		AS4/4	
Approvals	cULus E220514	CSA IEC 60947-7-1	cULus E220514	CSA IEC 60947-7-1	cULus E220514	CSA IEC 60947-7-1	cULus E220514	CSA IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.34-2.5 mm²	**22-12 AWG**	0.34-2.5 mm²	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²
Voltage Rating	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC
Current Rating	25 A	24 A	25 A	24 A	35 A	32 A	35 A	32 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

	AS2.5/3	AS2.5/4	AS4/3	AS4/4
Wire Stripping Length	11 mm	11 mm	15 mm	15 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

Grey (standard)		AS2.5/3 Cat. No.	Std. Pk.	AS2.5/4 Cat. No.	Std. Pk.	AS4/3 Cat. No.	Std. Pk.	AS4/4 Cat. No.	Std. Pk.
		AS2.5/3	100	**AS2.5/4**	100	**AS4/3**	100	**AS4/4**	100
Red	R	AS2.5/3/R	100	AS2.5/4/R	100	AS4/3/R	100	AS4/4/R	100
Blue	BU	AS2.5/3/BU	100	AS2.5/4/BU	100	AS4/3/BU	100	AS4/4/BU	100
Black	BL	AS2.5/3/BL	100	AS2.5/4/BL	100	AS4/3/BL	100	AS4/4/BL	100
Orange	O	AS2.5/3/O	100	AS2.5/4/O	100	AS4/3/O	100	AS4/4/O	100
Green	G	AS2.5/3/G	100	AS2.5/4/G	100	AS4/3/G	100	AS4/4/G	100
Yellow	Y	AS2.5/3/Y	100	AS2.5/4/Y	100	AS4/3/Y	100	AS4/4/Y	100
White	W	AS2.5/3/W	100	AS2.5/4/W	100	AS4/3/W	100	AS4/4/W	100

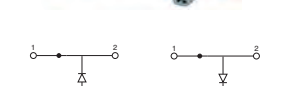
Accessories

	AS2.5/3 Cat. No.	Std. Pk.	AS2.5/4 Cat. No.	Std. Pk.	AS4/3 Cat. No.	Std. Pk.	AS4/4 Cat. No.	Std. Pk.
End Plate	EPAS2.5	50	EPAS2.5	50	EPAS4	50	EPAS4	50
DIN Rail	2511120	20	2511120	20	2511120	20	2511120	20
	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop	CA103	50	CA103	50	CA103	50	CA103	50
	CA702	50	CA702	50	CA702	50	CA702	50
	CA802	50	CA802	50	CA802	50	CA802	50
2 Pole Jumper	CA801/1	100	DOES NOT ACCEPT JUMPERS		CA801/2	100	DOES NOT ACCEPT JUMPERS	
Jumpers Alternate	CA801/1-3	100	–	–	CA801/2-3	100	–	–
Push in wire jumper	CA901/1	100	–	–	CA901/2	100	–	–
Step Down Jumper AS6 to AS4	–	–	–	–	CA901/4	100	–	–
Step Down Jumper AS6 to AS2.5	CA901/5	100	–	–	–	–	–	–
Step Down Jumper AS4 to AS2.5	CA901/6	100	–	–	CA901/6	100	–	–
Step Down Jumper AS6 to AS2.5	CA801/8	100	–	–	–	–	–	–
Marking Tag	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)

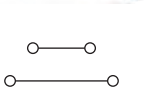
DOUBLE LEVEL ANGULAR FEED-THROUGH

AS6/3

ADL2.5(E)D1/D2



ADLG2.5



Dimensions & Weight

	3 Connection Feed-Through 2 Jumper Slots	Double Level with built-in Diode for circuit protection	Double Level with additional snap-on grounding connection
Width	**8 mm**	**5 mm**	**5 mm**
Length	74 mm	79.5 mm	83.7 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57 mm	57.5 mm 65 mm	64.8 mm 72.3 mm
Weight per piece	18.6 g	14.0 g	20.9 g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-8 AWG**	0.2-6 mm²	**22-12 AWG**	0.34-2.5 mm²	**22-12 AWG**	0.34 mm²
Voltage Range	600 V	800 V	300 V	800 V	600 V	800 V
Current Rating	50 A	41 A	25 A	24 A	20 A	24 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	15 mm	11 mm	10 mm
Screwdriver	Flat Head 0.8 x 4 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

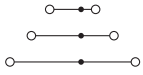
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**AS6/3**	50	**ADL2.5(E)D1** **ADL2.5(E)D2**	**50** **50**	**ADLG2.5**	50
Red R	AS6/3/R	50			Yellow/Green	
Blue BU	AS6/3/BU	50				
Black BL	AS6/3/BL	50				
Orange O	AS6/3/O	50				
Green G	AS6/3/G	50				
Yellow Y	AS6/3/Y	50				
White W	AS6/3/W	50				

Accessories

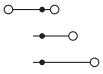
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPAS6	50	EPADL2.5	50	EPADLG2.5	50
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
End Stop	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50	CA103 CA702 CA802	50 50 50
Jumpers Adjacent	CA801/3	100	CA801/1	100	–	–
Jumpers Alternate	CA801/3-3	100	CA801/1-3	100	–	–
Push in wire jumper	CA901/3	100	CA901/1	100	–	–
Step Down Jumper AS6 to AS4 AS6 to AS2.5 AS4 to AS2.5 AS6 to AS2.5	CA901/4 CA901/5 – CA801/8	100 100 – 100	– CA901/5 CA901/6 CA901/8	– 100 100 100	– – – –	– – – –
Marking Tag	MT8	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT2G	1 Pk. (100 tags)

TRIPLE LEVEL ANGULAR SPRING CLAMP

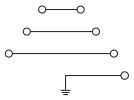
ATL2.5



ATL2.5H



ATLG2.5



Dimensions & Weight

	Triple Level Spring Terminal Jumper Slot on each Level	Triple Level with top level Feed-Through and mid/bottom level connections	Triple Level with additional snap-on grounding connection
Width	**5 mm**	**5 mm**	**5 mm**
Length	100 mm	76.1 mm	100 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	75.0 mm 82.5 mm	75.0 mm 82.5 mm	75.0 mm 82.5 mm
Weight per piece	19.4 g	12.2 g	23.6 g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	UL	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.2-2.5 mm²	**22-12 AWG**	0.2-2.5 mm²	**22-12 AWG**	0.2-2.5 mm²
Voltage Rating	600 V	500 V	-	500 V	600 V	500 V
Current Rating	20 A	24 A	-	24 A	20 A	24 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	10 mm	10 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

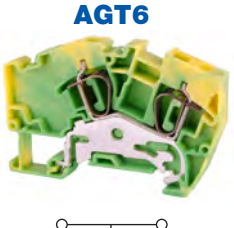
Terminal Blocks

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)		**ATL2.5**	100	**ATL2.5H**	100	**ATLG2.5**	100
Red	R	ATL2.5/R	100	ATL2.5H/R	100	Yellow/Green	
Blue	BU	ATL2.5/BU	100	ATL2.5H/BU	100		
Black	BL	ATL2.5/BL	100	ATL2.5H/BL	100		
Orange	O	ATL2.5/O	100	ATL2.5H/O	100		
Green	G	ATL2.5/G	100	ATL2.5H/G	100		
Yellow	Y	ATL2.5/Y	100	ATL2.5H/Y	100		
White	W	ATL2.5/W	100	ATL2.5H/W	100		

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPATL2.5	50	EPATL2.5H	50	EPATLG2.5	50
DIN Rail		2511120	20	2511120	20	2511120	20
		CA701-15/S	20	CA701-15/S	20	CA701-15/S	20
End Stop		CA702	50	CA702	50	CA702	50
		CA802	50	CA802	50	CA802	50
		CA202	50	CA202	50	CA202	50
		CA103	50	CA103	50	CA103	50
Push In Jumpers	2 pole	CA801/A2	100	CA801/A2	100	CA801/A2	100
	3 pole	CA801/A3	100	CA801/A3	100	CA801/A3	100
	4 pole	CA801/A4	100	CA801/A4	100	CA801/A4	100
	10 pole	CA801/A10	10	CA801/A10	10	CA801/A10	10
Marking Tag		MT2G	1 Pk. (100 tags)	MT2G	1 Pk. (100 tags)	MT2G	1 Pk. (100 tags)

GROUND / EARTH ANGULAR SPRING CLAMP

	AGT2.5	AGT4	AGT6	AGT2.5/3
				

Dimensions & Weight

	2 Connection Ground Terminal Feed-Through	2 Connection Ground Terminal Feed-Through	2 Connection Ground Terminal Feed-Through	3 Connection Ground Terminal Feed-Through
Width	**5 mm**	**6 mm**	**8 mm**	**5 mm**
Length	54 mm	61.5 mm	74 mm	54 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	49.5 mm 57 mm	49.5 mm 57 mm	55.5 mm 63 mm	49.5 mm 57 mm
Weight per piece	13.5 g	12.0 g	19.0 g	14.5 g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514 CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.34-2.5 mm^2	**22-10 AWG**	0.2-4 mm^2	**22-10 AWG**	0.2-6 mm^2	**22-12 AWG**	0.34-2.5 mm^2
Voltage Rating	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC
Current Rating	-	-	-	-	-	-	-	-
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

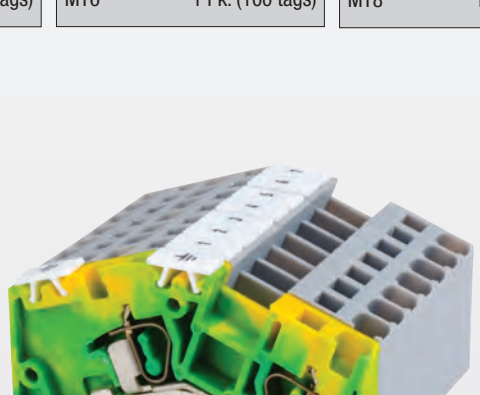
Wire Stripping Length	11 mm	15 mm	15 mm	12 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

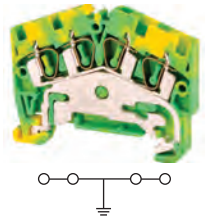
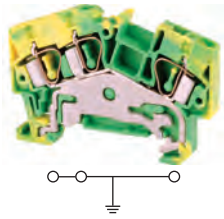
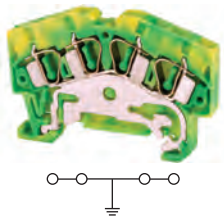
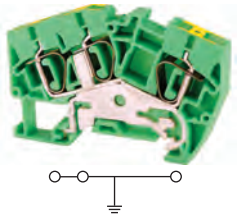
	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow/Green	**AGT2.5**	100	**AGT4**	100	**AGT6**	50	**AGT2.5/3**	100

Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPAS2.5	50	EPAS4	50	EPAS6	50	EPAS2.5	50
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
Marking Tag	MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)



GROUND / EARTH ANGULAR SPRING CLAMP

	AGT2.5/4	AGT4/3	AGT4/4	AGT6/3
				

Dimensions & Weight

	4 Connection Ground Terminal Feed-Through	3 Connection Ground Terminal Feed-Through	4 Connection Ground Terminal Feed-Through	3 Connection Ground Terminal Feed-Through
Width	**5 mm**	**6 mm**	**6 mm**	**8 mm**
Length	54 mm	61.5 mm	61.5 mm	74 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	44.0 mm 51.6 mm	44.0 mm 51.6 mm	44.0 mm 51.6 mm	49.3 mm 57.0 mm
Weight per piece	15.5 g	14.5 g	18.6 g	22.0 g

Technical Data/Ratings

Approvals	cULus E220514 / CSA	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	0.34-2.5 mm²	**22-10 AWG**	0.2-4 mm²	**22-10 AWG**	0.2-4 mm²	**22-8 AWG**	0.2-6 mm²
Voltage Rating	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC	600 V	800V AC/DC
Current Rating	-	-	-	-	-	-	-	-
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	12 mm	15 mm	15 mm	15 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.8 x 4 mm

Terminal Blocks

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Yellow/Green	**AGT2.5/4**	100	**AGT4/3**	100	**AGT4/4**	50	**AGT6/3**	100

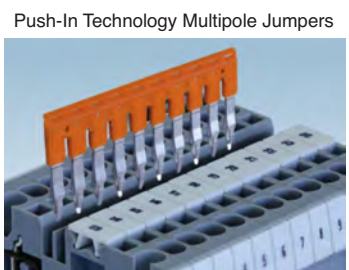
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPAS2.5	50	EPAS4	50	EPAS4	50	EPAS6	50
DIN Rail	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20	2511120 CA701-15/S	20 20
Marking Tag	MT5	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)	MT8	1 Pk. (100 tags)

CX SERIES

Terminal Block Series	Poles	Cat. No.	Std. Pk.
CX2.5 Series CXG2.5 Series CXDL2.5 CXK2.5 CXS2.5	2 Pole	JX2.5/2	100
	3 Pole	JX2.5/3	50
	4 Pole	JX2.5/4	50
	5 Pole	JX2.5/5	50
	6 Pole	JX2.5/6	10
	7 Pole	JX2.5/7	10
	8 Pole	JX2.5/8	10
	10 Pole	JX2.5/10	10
CX4 Series CXG4 Series CXF4 CXCC4 CXS4	2 Pole	JX4/2	100
	3 Pole	JX4/3	50
	4 Pole	JX4/4	50
	8 Pole	JX4/8	10
	10 Pole	JX4/10	10
	16 Pole	JX4/16	10
CX6 Series CXG6 Series CXDB35/10	2 Pole	JX6/2	100
	3 Pole	JX6/3	50
	4 Pole	JX6/4	50
	10 Pole	JX6/10	10
CX10 Series CXG10 Series	2 Pole	JX10/2	20

Push-In Technology Multipole Jumpers



ANGULAR SERIES

	2 Pole Adjectant Jumper		Alternate Jumper		Push-In Wire Jumper	
Terminal Block Series	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
AS2.5 / ADL2.5 Series	CA801/1	100	CA801/1-3	100	CA901/1	100
AS4 Series	CA801/2	100	CA801/2-3	100	CA901/2	100
AS6 Series	CA801/3	100	CA801/3-3	100	CA901/3	100

STEP DOWN JUMPERS

Used for jumpering terminal blocks of different sizes.

CX SERIES

Jumper for	Cat. No.	Std. Pk.
CX10 to CX2.5	JXS10/2.5	50
CX6 to CX2.5	JXS6/2.5	50
CX10 to CX4	JXS10/4	50
CX6 to CX4	JXS6/4	50

ANGULAR SERIES

Jumper for	Cat. No.	Std. Pk.
AS6 to AS2.5	CA901/5	100
AS6 to AS4	CA901/4	100
AS4 to AS2.5	CA901/6	100

ENDPLATES

CX SERIES

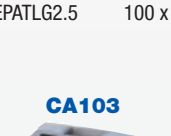
Terminal Block	Cat. No.	Dimensions	Std. Pk.
CX2.5 CXG2.5	EPCX2.5	30.5 x 49.7 x 1.5mm	50
CX4 CXG4	EPCX4	30.5 x 54.8 x 1.5mm	50
CX6 CXG6	EPCX6	35.3 x 62.1 x 1.5mm	50
CX10 CXG10	EPCX10	41.6 x 70 x 1.5mm	50
CX2.5/3 CXG2.5/3 CXK2.5	EPCX2.5/3	30.5 x 62.2 x 1.5mm	50
CX2.5/4 CXG2.5/4	EPCX2.5/4	30.5 x 74.7 x 1.5mm	50
CX4/3 CXG4/3 CXK4	EPCX4/3	30.5 x 70.5 x 1.5mm	50
CX4/4 CXG4/4	EPCX4/4	30.5 x 86.2 x 1.5mm	50
CX6/3 CXG6/3	EPCX6/3	35.3 x 82.2 x 1.5mm	50
CX10/3 CXG10/3	EPCX10/3	41.6 x 95.3 x 1.5mm	50
CXDL2.5 CXDLG2.5	EPCXDL2.5	41.8 x 72.7 x 1.5mm	50
CXS2.5	EPCXS2.5	35.6 x 43 x 1.5mm	50
CXS4	EPCXS4		50

ANGULAR SERIES

Terminal Block	Cat. No.	Dimensions	Std. Pk.
AS2.5 AS2.5/XX AGT2.5 AGT2.5/XX	EPAS2.5	35 x 54 x 1.5mm	50
AS4 AS4/XX AGT4 AGT4/XX	EPAS4	27.5 x 61 x 1.5mm	50
AS6 AS6/XX AGT6 AGT6/XX	EPAS6	33.5 x 74 x 1.5mm	50
ADL2.5	EPADL2.5	43.5 x 80 x 1.5mm	50
ADLG2.5	EPADLG2.5	83.7 x 58 x 1.2mm	50
ATL2.5	EPATL2.5	100 x 69.7 x 1.2mm	50
ATL2.5H	EPATL2.5H	77.3 x 69.7 x 1.2mm	50
ATLG2.5	EPATLG2.5	100 x 68.7 x 1.2mm	50

END STOPS

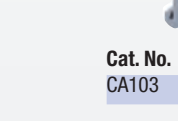
CA103



Screwless Snap On

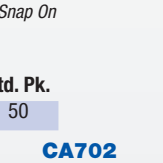
Cat. No.	Dimensions	Std. Pk.
CA103	35 x 41 x 6mm	50

CA802



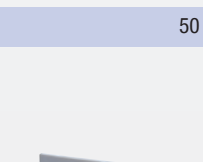
Cat. No.	Dimensions	Std. Pk.
CA802	32 x 45 x 8mm	50

CA702



Cat. No.	Dimensions	Std. Pk.
CA702	34 x 45 x 9mm	50

PARTITION PLATES



CX SERIES

Terminal Block	Cat. No.	Dimensions	Std. Pk.
CX2.5, CXG2.5 CX4, CXG4	PPCX4	42.4 x 59 x 2mm	50
CX2.5/3, CXG2.5/3 CX4/3, CXK2.5	PPCX4/3	42.4 x 74.7 x 2mm	50
CX2.5/4, CXG2.5/4 CX4/4, CXK4/4	PPCX4/4	42.4 x 95 x 2mm	50
CX6, CX10	PPCX6	53.5 x 76 x 1mm	50

TEST PLUGS

Terminal Block	Cat. No.	Std. Pk.
CX2.5, CXG2.5, CXDL2.5, CXG4, CXM2.5, CXMG2.5	TX2.5	20
CX4, CXG4, CX7, CXG6	TX4	20
CX6, CXDB	TX6	20

SCREW CLAMP TECHNOLOGY

- Screw clamp & Spring Clamp Technology versions
- Extremely Compact wiring solution
- 15mm Mini Rail Terminals
- Modular easy snap together Panel Mount Terminals
- High Temperature Ceramic Solution
- Reliable Gas-tight connection

E220514 60947-7-1

MATERIAL SPECIFICATIONS

Current Carrying Metal

Screw Terminals
Corrosion free material

- Clamp: Zinc Plated Steel
- Screw: Steel
- Current Bar: Brass/ Tin Plated Copper

Spring Terminals
Corrosion free material

- Spring: Stainless Steel
- Current Bar: Copper Alloy

Terminal Block Housing

- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit:	105°C
Lower Temperature Limit:	-50°C
Flammability UL94:	V2/ V0
Volume Resistivity:	10^{12} Ω cm
Surface Resistivity:	10^{10} Ω

SELECTION GUIDE

Screw Terminal Blocks

- Extremely Compact size
- Various mounting options
  - 15mm Mini Rail
  - Panel Mount
- Modular system
- Jumper Accessories
- Screw Clamp Technology

15mm Mini Rail CMT4
page 89

Panel Mount CMB4
page 90

Spring Clamp Terminal Blocks

- Extremely Compact size
- Various mounting options
  - 15mm Mini Rail
  - Panel Mount
- Modular Snap together Systems
- Spring Clamp Technology

15mm Mini Rail CXM2.5
page 91

Panel/DIN Rail CSCP Series
page 92

Panel Mount CM Series
page 93

High Temperature Ceramic Terminal Blocks

- High Temperatures up to 600°C
- Ceramic Material
- 3 sizes
- Up to 65A/ 300V
- Free floating or mounting hole option

High Temperature CB Series
page 94

	CMT4	CGMT4	CF4U
Dimensions & Weight	2 Connection Feed-Through Internal Jumper Provision	2 Connection Ground Terminal Internal Jumper Provision	5 x 20 mm Fuse Terminal
Width	**6 mm**	**6 mm**	**8 mm**
Length	27 mm	27 mm	57.0 mm
Height w DIN15 Rail 15mm	30.4 mm	30.7 mm	50.3 mm | 57.6 mm
Weight per piece	5.5 g	9.5 g	14.8 g
Technical Data/Ratings			
Approvals	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-3
Wire Size (solid / stranded)	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²	**22-10 AWG** / 0.2-4 mm²
Voltage Rating	300 V / 500 V AC/DC	300 V / 500 V AC/DC	600 V / 800 V AC/DC
Current Rating	35 A / 32 A	- / -	10 A / 6.3 A
Torque	7 lb-in / 0.5 Nm	7 lb-in / 0.8 Nm	7 lb-in / 0.5 Nm
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	8 mm	8 mm	9.5 mm
Screwdriver	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)	**CMT4**	100	**CGMT4**	100	**CF4U**	50
Red R	CMT4/R	100	Yellow/Green		CF4U/BU	50
Blue BU	CMT4/BU	100			CF4U/BL	50
Black BL	CMT4/BL	100				
Orange O	CMT4/O	100				
Green G	CMT4/G	100				
Yellow Y	CMT4/Y	100				
White W	CMT4/W	100				

Accessories	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate	EPCMT4	50	–	–	–	–
Isolation Partition	PPCMT4	50	–	–	–	–
DIN Rail 15mm	CA601/S	50	CA601/S	50	CA601/S	50
End Clamp	CA602	100	CA602	100	–	–
Internal Jumper 2 pole	CA727/2	100	–	–	–	–
3 pole	CA727/3	100	–	–	–	–
4 pole	CA727/4	100	–	–	–	–
10 pole	CA727/10	10	–	–	–	–
Insulated Internal Jumper 2 pole	CA747/2	100	–	–	–	–
3 pole	CA747/3	100	–	–	–	–
4 pole	CA747/4	100	–	–	–	–
10 pole	CA747/10	10	–	–	–	–
External Jumper 2 pole	CA714/2	100	CA714/2	100	CA711/2	100
3 pole	CA714/3	100	CA714/3	100	CA711/3	50
4 pole	CA714/4	100	CA714/4	100	CA711/4	50
10 pole	CA714/10	20	CA714/10	20	CA711/10	20
Test Socket	CA707/TS/03	100	CA707/TS/03	–	–	–
Marking Tag	MT2	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT8 MT6	1 Pk. (100 tags) 1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Extremely Compact Size
- Screw Cage Clamp
- Mountable on DIN15 Mini Rail
- Feed Through Terminal
- Ground Terminal
- Internal Jumper possibility
- EX / IECEx approved

APPLICATIONS

- Limited Space Panels
- High Density Wiring Solutions

PANEL MOUNT SCREW TERMINAL BLOCKS

HIGHLIGHTS

FEATURES

- Extremely Compact Size
- Screw Cage Clamp
- Panel Mountable with any length M3 screw
- End / Mounting Section with M3 mounting holes
- Stackable design for flexible length configurations
- Modular snap-together design for quick assembly and installation
- Endplates with mounting holes
- Internal Jumper possibility
- EX / IECEx approved
- Pre-assembled Blocks available in all pole configurations and various colors

APPLICATIONS

- Cost Effective Wiring Solutions
- Compact Wiring Solutions
- Panel Mount Designs
- High Density Wiring

CMB4

2 Connection Feed Through

Dimensions & Weight

Width	**6 mm**
Length	27 mm
Height	28 mm
Weight per piece	5.5 g

Technical Data/Ratings

Approvals CE Lloyd's Register	c UL us E220514 c SP us	IEC 60947-7-1
Wire Size (solid / stranded)	**22-10 AWG**	0.2-4 mm²
Voltage Rating	300 V	500 V AC/DC
Current Rating	35 A	32 A
Torque	7 lb-in	0.5 Nm
Insulation Material	Polyamide 66	

Installation Instructions

Wire Stripping Length	8 mm
Screwdriver	Flat Head 0.6 x 3.5mm
Mounting Screw	Any length M3 screw may be used

Terminal Blocks

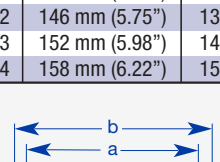
		Cat. No.	Std. Pk.
Grey (standard)		**CMB4**	100
Red	R	CMB4/R	100
Blue	BU	CMB4/BU	100
Black	BL	CMB4/BL	100
Orange	O	CMB4/O	100
Green	G	CMB4/G	100
Yellow	Y	CMB4/Y	100
White	W	CMB4/W	100

Accessories

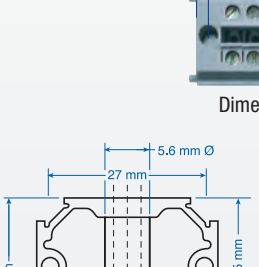
		Cat. No.	Std. Pk.
End / Mounting Section		EPCMB4	50
Separator Plate		SPCMB4	50
Internal Jumper	2 pole	CA727/2	100
	3 pole	CA727/3	100
	4 pole	CA727/4	100
	10 pole	CA727/10	10
Insulated Internal Jumper	2 pole	CA747/2	100
	3 pole	CA747/3	100
	4 pole	CA747/4	100
	10 pole	CA747/10	10
External Jumper	2 pole	CA714/2	100
	3 pole	CA714/3	100
	4 pole	CA714/4	100
	10 pole	CA714/10	20
Test Socket		CA707/TS/01	100
Marking Tag		MT2	1 Pk. (100 tags)

Pre-assembled Terminal Blocks

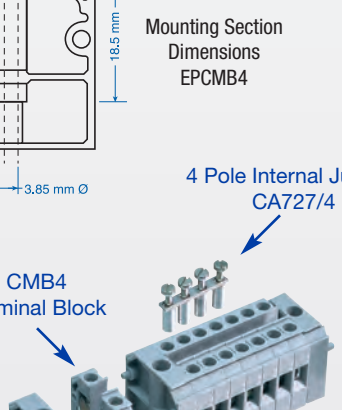
No. of Poles	Cat. No	Total Width (a)	Hole Spacing (b)
2	CMB4/2	26 mm (1.02")	19 mm (0.75")
3	CMB4/3	32 mm (1.26")	25 mm (0.98")
4	CMB4/4	38 mm (1.50")	31 mm (1.22")
5	CMB4/5	44 mm (1.73")	37 mm (1.46")
6	CMB4/6	50 mm (1.97")	43 mm (1.69")
7	CMB4/7	56 mm (2.20")	49 mm (1.93")
8	CMB4/8	62 mm (2.44")	55 mm (2.17")
9	CMB4/9	68 mm (2.68")	61 mm (2.40")
10	CMB4/10	74 mm (2.91")	67 mm (2.64")
11	CMB4/11	80 mm (3.15")	73 mm (2.87")
12	CMB4/12	86 mm (3.39")	79 mm (3.11")
13	CMB4/13	92 mm (3.62")	85 mm (3.35")
14	CMB4/14	98 mm (3.86")	91 mm (3.58")
15	CMB4/15	104 mm (4.09")	97 mm (3.82")
16	CMB4/16	110 mm (4.33")	103 mm (4.06")
17	CMB4/17	116 mm (4.57")	109 mm (4.29")
18	CMB4/18	122 mm (4.80")	115 mm (4.53")
19	CMB4/19	128 mm (5.04")	121 mm (4.76")
20	CMB4/20	134 mm (5.28")	127 mm (5.00")
21	CMB4/21	140 mm (5.51")	133 mm (5.24")
22	CMB4/22	146 mm (5.75")	139 mm (5.47")
23	CMB4/23	152 mm (5.98")	145 mm (5.71")
24	CMB4/24	158 mm (6.22")	151 mm (5.94")



Dimensions CMB4



Mounting Section Dimensions EPCMB4



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	CXM2.5	CXMG2.5	CMS2.5
Dimensions & Weight	2 Connection Feed Through 2 Jumper Channels	2 Connection Ground Terminal 2 Jumper Channels	Side Entry Feed Through
Width	**5 mm**	**5 mm**	**5 mm**
Length	37 mm	37 mm	31 mm
Height w DIN Rail 15 x 5.5 mm	35 mm	35 mm	30.15 mm
Weight per piece	5.9 g	10.3 g	5.9 g
Technical Data/Ratings			
Approvals	cULus E220514, CSA, IEC 60947-7-1	cULus E220514, CSA, IEC 60947-7-1	UL, IEC 60947-7-1
Wire Size (solid / stranded)	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²	**24-12 AWG** / 0.2-2.5 mm²
Voltage Rating	600 V / 1000V AC/DC	600 V / 1000V AC/DC	300 V / 800V AC/DC
Current Rating	20 A / 24 A	- / -	20 A / 24 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	10 mm	10 mm	9 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm

Terminal Blocks

Grey (standard)		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Red	R	**CXM2.5**	100	**CXMG2.5**	**100**	**CMS2.5**	100
Blue	BU	CXM2.5/R	100	Yellow/Green		CMS2.5/R	100
Black	BL	CXM2.5/BU	100			CMS2.5/BU	100
Orange	O	CXM2.5/BL	100			CMS2.5/BL	100
Green	G	CXM2.5/O	100			CMS2.5/O	100
Yellow	Y	CXM2.5/G	100			CMS2.5/G	100
White	W	CXM2.5/Y	100			CMS2.5/Y	100
		CXM2.5/W	100			CMS2.5/W	100

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCXM2.5	50	EPCXM2.5	50	EPCMS2.5	50
DIN Rail	15mm	CA601/S	50	CA601/S	50	CA601/S	50
End Clamp		CA602	100	CA602	100	CA602	100
Jumper	2 pole	JX2.5/2	100	JX2.5/2	100	–	–
	3 pole	JX2.5/3	50	JX2.5/3	50	–	–
	4 pole	JX2.5/4	50	JX2.5/4	50	–	–
	5 pole	JX2.5/5	50	JX2.5/5	50	–	–
	6 pole	JX2.5/6	10	JX2.5/6	10	–	–
	7 pole	JX2.5/7	10	JX2.5/7	10	–	–
	8 pole	JX2.5/8	10	JX2.5/8	10	–	–
	10 pole	JX2.5/10	10	JX2.5/10	10	–	–
Spring Clamp Actuator		SCA2-5	1	SCA2-5	1	–	–
Marking Tag		MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)	MT5	1 Pk. (100 tags)

Operating Tool
for use with
CXM2.5

HIGHLIGHTS

FEATURES

- Extremely Compact Size
- Spring Clamp Style
- Mountable on DIN 15 Mini Rail
- Feed Through Terminal
- Ground Terminal
- Side Entry Feed Through
- 2, 3, 4, 5, 6, 7, 10 pole Push-In Jumpers
- EX / IECEx approved

APPLICATIONS

- Limited Space Panels
- High Density Wiring Solutions
- Machine Control Panels
- High Vibration Applications

PANEL MOUNT SPRING TERMINAL BLOCKS

HIGHLIGHTS

FEATURES
- Extremely Compact Size
- Screw Cage Clamp
- Panel Mountable with any screw
- Endplates with screw flange
- Stackable design for flexible length configurations
- Modular snap-together design for quick assembly and easy installation
- External Jumper possibility
- EX / IECEx approved
- Custom assemblies available in all pole configurations and various colors

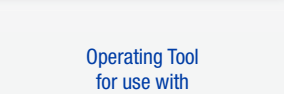
APPLICATIONS
- Cost Effective Panel Mount Designs
- Limited Space Panels
- High Density Wiring Solutions
- Machine Control Panels
- High Vibration Applications

	CSCP2.5T	CSCP2.5T2	CXCP2.5/4
Dimensions & Weight	2 Connection Spring Terminal Panel Mount	4 Connection Spring Terminal Panel Mount	4 Connection Spring Terminal DIN Rail Mount
Width	**5 mm**	**10 mm**	**10 mm**
Length	35 mm	35 mm	35 mm
Height w DIN Rail 35 x 7.5 mm 35 x 15 mm	21.3 mm (Panel Mount)	21.3 mm (Panel Mount)	34.5 mm 42 mm
Weight per piece	5.0 g	9.5 g	9.5 g
Technical Data/Ratings			
Approvals	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1	cULus E220514 / CSA / IEC 60947-7-1
Wire Size (solid / stranded)	**22-14 AWG** / 0.2-2.5 mm²	**22-14 AWG** / 0.2-2.5 mm²	**22-12 AWG** / 0.2-2.5 mm²
Voltage Rating	600 V / 800 V AC/DC	600 V / 800 V AC/DC	600 V / 800 V AC/DC
Current Rating	20 A / 24 A	20 A / 24 A	20 A / 24 A
Insulation Material	Polyamide 66	Polyamide 66	Polyamide 66
Installation Instructions			
Wire Stripping Length	11 mm	11 mm	10 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm
Mounting Screw	Any length M3 screw may be used	Any length M3 screw may be used	–

Terminal Blocks

		CSCP2.5T Cat. No.	Std. Pk.	CSCP2.5T2 Cat. No.	Std. Pk.	CXCP2.5/4 Cat. No.	Std. Pk.
Grey (standard)		**CSCP2.5T**	100	**CSCP2.5T2**	100	**CXCP2.5/4**	100
Red	R	CSCP2.5T/R	100	CSCP2.5T2/R	100	CXCP2.5/4/R	100
Blue	BU	CSCP2.5T/BU	100	CSCP2.5T2/BU	100	CXCP2.5/4/BU	100
Black	BL	CSCP2.5T/BL	100	CSCP2.5T2/BL	100	CXCP2.5/4/BL	100
Orange	O	CSCP2.5T/O	100	CSCP2.5T2/O	100	CXCP2.5/4/O	100
Green	G	CSCP2.5T/G	100	CSCP2.5T2/G	100	CXCP2.5/4/G	100
Yellow	Y	CSCP2.5T/Y	100	CSCP2.5T2/Y	100	CXCP2.5/4/Y	100
White	W	CSCP2.5T/W	100	CSCP2.5T2/W	100	CXCP2.5/4/W	100

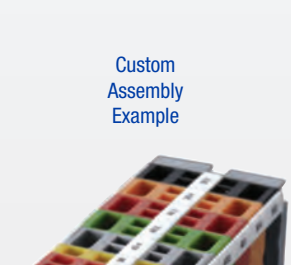
Operating Tool for use with CSCP2.5T2



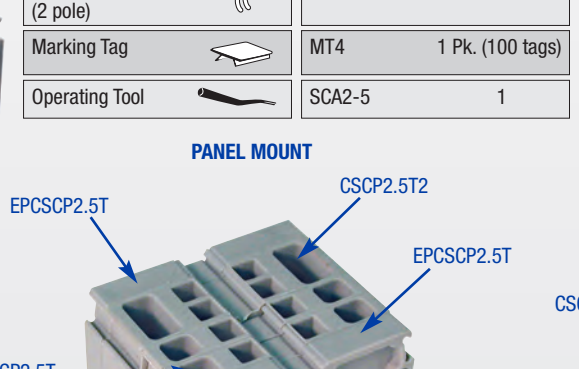
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Section	EPCSCP2.5T	25	EPCSCP2.5T	25	EPCXCP2.5	25
Insulated Jumpers (2 pole)	CA803/1	100	CA803/1	100	CA803/1	100
Marking Tag	MT4	1 Pk. (100 tags)	MT3	1 Pk. (100 tags)	MT3	1 Pk. (100 tags)
Operating Tool	SCA2-5	1	SCA2-5	1	SCA2-5	1

Custom Assembly Example



PANEL MOUNT



DIN RAIL MOUNT

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CM1.5S

CM1.5S

CM2.5S

CM2.5S

CM4S

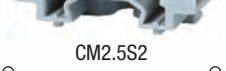
CM4S

CM1.5S2

CM1.5S2

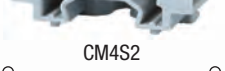
CM2.5S2

CM2.5S2



CM4S2

CM4S2



Dimensions

Width	2 Connection 4 Connection	**5 mm** **8 mm**	**6 mm** **10 mm**	**7 mm** **12 mm**
Length		26.5 mm	30.0 mm	33.7 mm
Height (Panel Mount)		18.0 mm	20.0 mm	23.0mm
Weight per piece		1.8 / 3.8 g	3.2 / 5.2 g	g

Technical Data/Ratings

Approvals	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1	cULus E220514	IEC 60947-7-1
Wire Size (solid / stranded)	**24-16 AWG**	0.2-1.5 mm²	**22-12 AWG**	0.2-2.5 mm²	**22-14 AWG**	0.2-4 mm²
Voltage Rating	300 V	500V AC/DC	300 V	500V AC/DC	300 V	630V AC/DC
Current Rating	10 A	17 A	20 A	24 A	26 A	32 A
Insulation Material	Polyamide 66		Polyamide 66		Polyamide 66	

Installation Instructions

Wire Stripping Length	8 mm	9 mm	8 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.5 x 3 mm	Flat Head 0.6 x 3.5 mm

Terminal Blocks

2 Connections

			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**CM1.5S**	100	**CM2.5S**	100	**CM4S**	100
Red	R		CM1.5S/R	100	CM2.5S/R	100	CM4S/R	100
Blue	BU		CM1.5S/BU	100	CM2.5S/BU	100	CM4S/BU	100
Black	BL		CM1.5S/BL	100	CM2.5S/BL	100	CM4S/BL	100
Orange	O		CM1.5S/O	100	CM2.5S/O	100	CM4S/O	100
Green	G		CM1.5S/G	100	CM2.5S/G	100	CM4S/G	100
Yellow	Y		CM1.5S/Y	100	CM2.5S/Y	100	CM4S/Y	100
White	W		CM1.5S/W	100	CM2.5S/W	100	CM4S/W	100

4 Connections

			Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Grey (standard)			**CM1.5S2**	100	**CM2.5S2**	100	**CM4S2**	100
Red	R		CM1.5S2/R	100	CM2.5S2/R	100	CM4S2/R	100
Blue	BU		CM1.5S2/BU	100	CM2.5S2/BU	100	CM4S2/BU	100
Black	BL		CM1.5S2/BL	100	CM2.5S2/BL	100	CM4S2/BL	100
Orange	O		CM1.5S2/O	100	CM2.5S2/O	100	CM4S2/O	100
Green	G		CM1.5S2/G	100	CM2.5S2/G	100	CM4S2/G	100
Yellow	Y		CM1.5S2/Y	100	CM2.5S2/Y	100	CM4S2/Y	100
White	W		CM1.5S2/W	100	CM2.5S2/W	100	CM4S2/W	100

Accessories

		Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
End Plate		EPCM1.5S	50	EPCM2.5S	50	EPCM4S	50
Spring Clamp Actuator		SCA2-5	1	SCA2-5	1	SCA2-5	1
Marking Tag	2 Connection	MT4	1 Pk. (100 tags)	MT2	1 Pk. (100 tags)	MT6	1 Pk. (100 tags)
	4 Connection	MT7.5	1 Pk. (100 tags)	MT7.5	1 Pk. (100 tags)	MT12	1 Pk. (100 tags)

HIGHLIGHTS

FEATURES

- Extremely Compact Size
- Spring Clamp Style
- End Sections with screw flanges
- 3 wire sizes
- 2, 4 connection terminals
- All colors

APPLICATIONS

- Transformer Terminal Blocks
- Very Limited Space Applications
- Machine Control Panels

HIGH TEMPERATURE CERAMIC EUROBLOCKS™

HIGHLIGHTS

FEATURES

- Suitable for High Temperatures up to 600°C (1112°F)
- Temperature Rating -40°C - 600°C
- 3 Sizes
- 1, 2, 3, 4 Pole configurations
- Free floating or Panel Mount
- Up to 65A
- Material:
  - Housing: Steatite
  - Clamp: Brass
  - Screws: Zinc Plated Steel

APPLICATIONS

- High Temperature Environments
- Furnaces
- Heaters
- Process Equipment
- Machinery

CB4

CB6

CB16

Technical Data/Ratings

Approvals	CB4			CB6			CB16		
	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1	cULus E220514	CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**24-12 AWG**	24-12 AWG	0.5-2.5mm²	**22-10 AWG**	22-10 AWG	0.5-4mm²	**18-6 AWG**	20-6 AWG	0.5-2.5mm²
Voltage Rating	300 V	300 V	800 VAC/DC	300 V	300 V	800 VAC/DC	300 V	300 V	800 VAC/DC
Current Rating	20 A	30 A	24 A	30 A	40 A	32 A	65 A	76 A	57 A
Torque	6 lb-in	6 lb-in	0.4 Nm	6 lb-in	6 lb-in	0.5 Nm	12 lb-in	12 lb-in	1.2 Nm
Insulation Material	Ceramic			Ceramic			Ceramic		

Installation Instructions

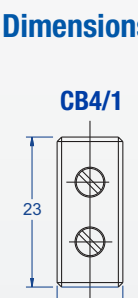
	CB4	CB6	CB16
Wire Stripping Length	8 mm	8 mm	8 mm
Screwdriver	Flat Head 0.5 x 3 mm	Flat Head 0.8 x 4 mm	Flat Head 0.8 x 4 mm
Mounting Hole Size	3.5 mm	3.5 mm	3.5 mm
Recommended Mounting Screw	M3 x 16	M3 x 16	M3 x 20

Terminal Blocks

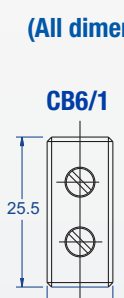
		CB4 Cat. No.	CB4 Std. Pk.	CB4 Weight	CB6 Cat. No.	CB6 Std. Pk.	CB6 Weight	CB16 Cat. No.	CB16 Std. Pk.	CB16 Weight
1 pole	free floating	**CB4/1**	50	11.7 g	**CB6/1**	50	13.5 g	-	-	-
2 pole	free floating	**CB4/2**	50	18.0 g	-	-	-	-	-	-
	with mounting holes	**CB4/2H**	50	26.1 g	**CB6/2H**	50	27.3 g	**CB16/2H**	50	47.2 g
3 pole	free floating	**CB4/3**	50	30.1 g	-	-	-	-	-	-
	with mounting holes	**CB4/3H**	50	42.3 g	**CB6/3H**	50	42.5 g	**CB16/3H**	50	44.6 g
4 pole	with mounting holes	-	-	-	**CB6/4H**	50	29.1 g	-	-	-

Dimensions (All dimensions are shown in mm, to convert to inches please divide by 25.4)

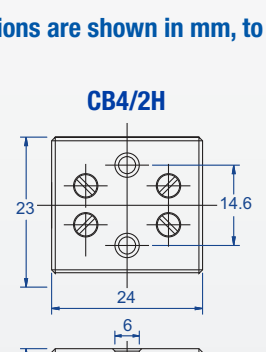
CB4/1



CB6/1



CB4/2H



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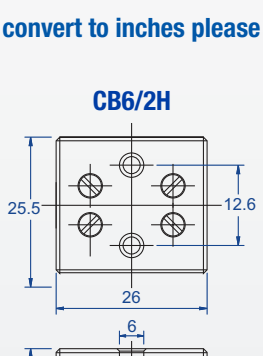

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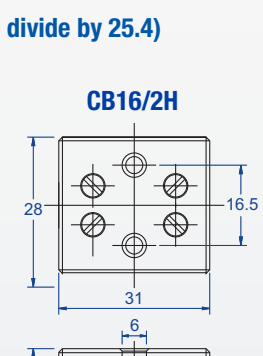
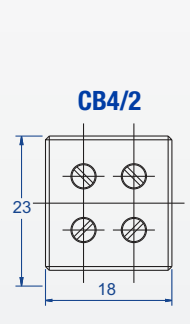
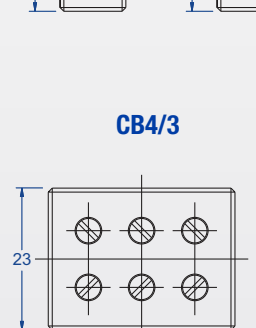


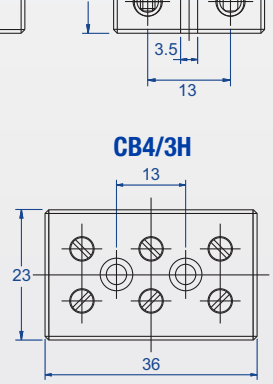
CB4/2



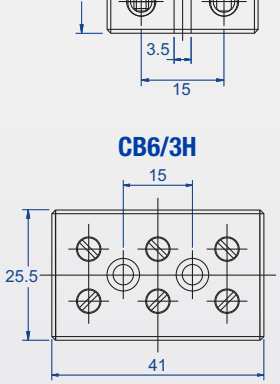
CB4/3



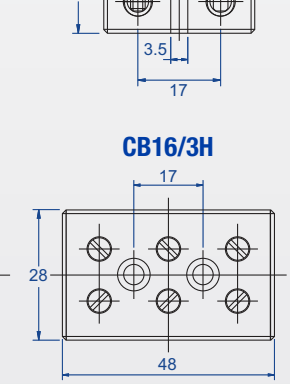
CB4/3H



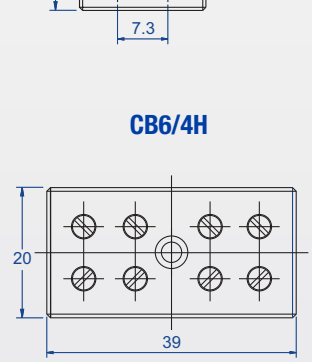
CB6/3H



CB16/3H



CB6/4H



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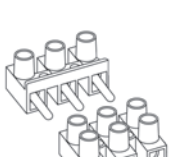
SCREW CLAMP CONNECTION TECHNOLOGY



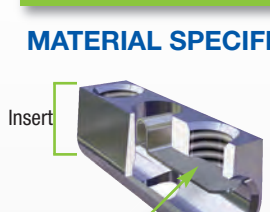
- Quick and Efficient Wire-to-Wire connection solution
- Modern Replacement for traditional Double-Row Barrier Style Terminal Blocks
- Touch-proof design to eliminate shorts
- Available in 12 poles or precut to required number of poles
- Easy to cut to length by using hacksaw or utility knife
- Safe, Gas-tight connection
- Reliable connection utilizing a precision machined tubular screw clamp insert
- Accessories for convenient wire installation and usage

cULus E211022 CE FI IEC 60998-2-1

SELECTION GUIDE

HE SERIES with wire protector

MATERIAL SPECIFICATIONS



Current Carrying Metal
Corrosion free material

- Insert: Tinned Brass
- Screw: Blue chromated steel
- Wire protector: Stainless Steel

Terminal Block Housing
- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit:	125°C
Lower Temperature Limit:	-30°C
Flammability UL94:	V0

HE Series Flat Base 300V
page 96-97

HEH Series Standoff Feet 600V
page 98-99

HE42 Series Pluggable 300V, 600V
page 100-101

ATS SERIES with wire protector - Center Barrier

MATERIAL SPECIFICATIONS

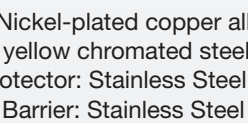
Current Carrying Metal
Corrosion free material

- Insert: Nickel-plated copper alloy
- Screw: yellow chromated steel
- Wire protector: Stainless Steel
- Middle Barrier: Stainless Steel

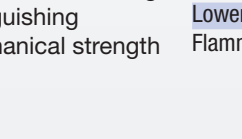
Terminal Block Housing
- Polyamide PA66 Housing
- Self-extinguishing
- High mechanical strength

Polyamide 66 Specifications

Upper Temperature Limit:	125°C
Lower Temperature Limit:	-30°C
Flammability UL94:	V0

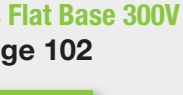


ATS Series Flat Base 300V
page 102



ATSF Series Standoff Feet 600V
page 103

ACCESSORIES



Jumpers, Separation Plates, Marking Pins, Imprinting
page 104-105

FLAT BASE PANEL MOUNT 300 V - WIRE PROTECTOR

HIGHLIGHTS

FEATURES

- **300V** up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

HE1

HE4

Dimensions & Weight

Pitch Spacing	8 mm	10 mm
Weight per piece (12 pole)	16.2 g	31.6 g

Technical Data/Ratings

Approvals	HE1		HE4	
	c UL us E211022	IEC 60998-2-1	c UL us E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**24-12 AWG**	1-2.5 mm²	**24-10 AWG**	2.5-4 mm²
Voltage Rating	300 V	400 V	300 V	400 V
Current Rating	20 A	6 A	30 A	10 A
Torque	4.4 lb-in	0.35 Nm	7.0 lb-in	0.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE1	HE4
Wire Stripping Length	5 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M2.6	M3

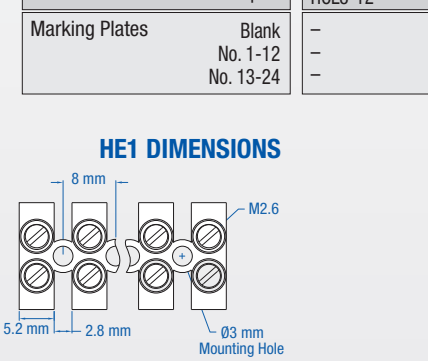
Terminal Strips

	HE1 Cat. No.	HE1 Length	HE1 Std. Pk.	HE4 Cat. No.	HE4 Length	HE4 Std. Pk.
2 pole	**HE1WPR/02**	13.2 mm	100	**HE4WPR/02**	16.4 mm	100
3 pole	**HE1WPR/03**	21.2 mm	100	**HE4WPR/03**	26.4 mm	100
4 pole	**HE1WPR/04**	29.2 mm	100	**HE4WPR/04**	36.4 mm	100
5 pole	**HE1WPR/05**	37.2 mm	100	**HE4WPR/05**	46.4 mm	100
6 pole	**HE1WPR/06**	45.2 mm	50	**HE4WPR/06**	56.4 mm	50
7 pole	**HE1WPR/07**	53.2 mm	50	**HE4WPR/07**	66.4 mm	50
8 pole	**HE1WPR/08**	61.2 mm	50	**HE4WPR/08**	76.4 mm	50
9 pole	**HE1WPR/09**	69.2 mm	50	**HE4WPR/09**	86.4 mm	50
10 pole	**HE1WPR/10**	77.2 mm	50	**HE4WPR/10**	96.4 mm	50
11 pole	**HE1WPR/11**	85.2 mm	50	**HE4WPR/11**	106.4 mm	50
12 pole	**HE1WPR/12**	93.2 mm	50	**HE4WPR/12**	116.4 mm	50

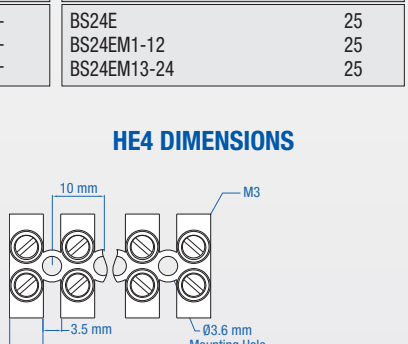
Accessories

		HE1 Cat. No.	HE1 Std. Pk.	HE4 Cat. No.	HE4 Std. Pk.
External Jumpers	2 pole	HCL8-2	100	HCL10-2	100
	3 pole	HCL8-3	100	HCL10-3	100
	4 pole	HCL8-4	100	HCL10-4	100
	12 pole	HCL8-12	25	HCL10-12	25
Marking Plates	Blank	–	–	BS24E	25
	No. 1-12	–	–	BS24EM1-12	25
	No. 13-24	–	–	BS24EM13-24	25

HE1 DIMENSIONS



HE4 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

FLAT BASE PANEL MOUNT 300 V - WIRE PROTECTOR

Dimensions & Weight

	HE6	HE10	HE16
Pitch Spacing	**12 mm**	**15 mm**	**15 mm**
Weight per piece (12 pole)	47.0 g	95.5 g	94.5 g

Technical Data/Ratings

	HE6		HE10		HE16	
Approvals	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**20-10 AWG**	4-6 mm²	**18-8 AWG**	6-10 mm²	**18-6 AWG**	10-16 mm²
Voltage Rating	300 V	400 V	300 V	400 V	300 V	400 V
Current Rating	40 A	16 A	50 A	25 A	63 A	35 A
Torque	7.0 lb-in	0.55 Nm	10.6 lb-in	0.84 Nm	17.7 lb-in	1.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE6	HE10	HE16
Wire Stripping Length	7 mm	8.5 mm	8.5 mm
Mounting Hole Diameter	4.2 mm	4.5 mm	4.5 mm
Terminal Screw Size	M3.5	M4	M5

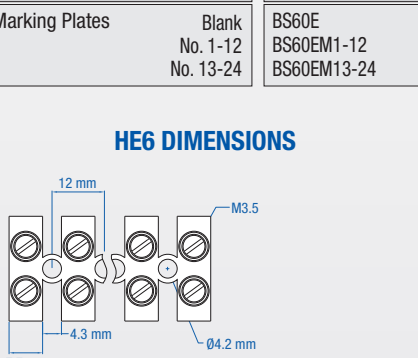
Terminal Strips

	HE6 Cat. No.	HE6 Length	HE6 Std. Pk.	HE10 Cat. No.	HE10 Length	HE10 Std. Pk.	HE16 Cat. No.	HE16 Length	HE16 Std. Pk.
2 pole	**HE6WPR/02**	19.8 mm	100	**HE10WPR/02**	24.2 mm	50	**HE16WPR/02**	24.2 mm	50
3 pole	**HE6WPR/03**	31.8 mm	100	**HE10WPR/03**	39.2 mm	50	**HE16WPR/03**	39.2 mm	50
4 pole	**HE6WPR/04**	43.8 mm	100	**HE10WPR/04**	54.2 mm	50	**HE16WPR/04**	54.2 mm	50
5 pole	**HE6WPR/05**	55.8 mm	100	**HE10WPR/05**	69.2 mm	50	**HE16WPR/05**	69.2 mm	50
6 pole	**HE6WPR/06**	67.8 mm	50	**HE10WPR/06**	84.2 mm	25	**HE16WPR/06**	84.2 mm	25
7 pole	**HE6WPR/07**	79.8 mm	50	**HE10WPR/07**	99.2 mm	25	**HE16WPR/07**	99.2 mm	25
8 pole	**HE6WPR/08**	91.8 mm	50	**HE10WPR/08**	114.2 mm	25	**HE16WPR/08**	114.2 mm	25
9 pole	**HE6WPR/09**	103.8 mm	50	**HE10WPR/09**	129.2 mm	25	**HE16WPR/09**	129.2 mm	25
10 pole	**HE6WPR/10**	115.8 mm	25	**HE10WPR/10**	144.2 mm	10	**HE16WPR/10**	144.2 mm	10
11 pole	**HE6WPR/11**	127.8 mm	25	**HE10WPR/11**	159.2 mm	10	**HE16WPR/11**	159.2 mm	10
12 pole	**HE6WPR/12**	139.8 mm	25	**HE10WPR/12**	174.2 mm	10	**HE16WPR/12**	174.2 mm	10

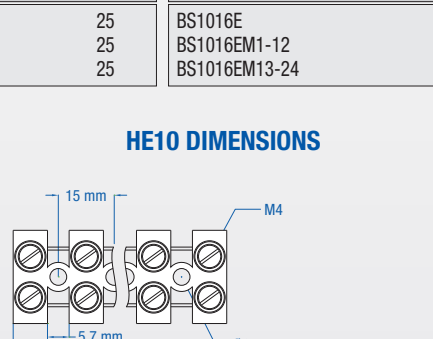
Accessories

		HE6 Cat. No.	HE6 Std. Pk.	HE10 Cat. No.	HE10 Std. Pk.	HE16 Cat. No.	HE16 Std. Pk.
External Jumpers	2 pole	HCL12-2	100	HCL15-2	100	HCL15-2	100
	3 pole	HCL12-3	100	HCL15-3	100	HCL15-3	100
	4 pole	HCL12-4	100	HCL15-4	100	HCL15-4	100
	12 pole	HCL12-12	25	HCL15-12	25	HCL15-12	25
Marking Plates	Blank	BS60E	25	BS1016E	25	BS1016E	25
	No. 1-12	BS60EM1-12	25	BS1016EM1-12	25	BS1016EM1-12	25
	No. 13-24	BS60EM13-24	25	BS1016EM13-24	25	BS1016EM13-24	25

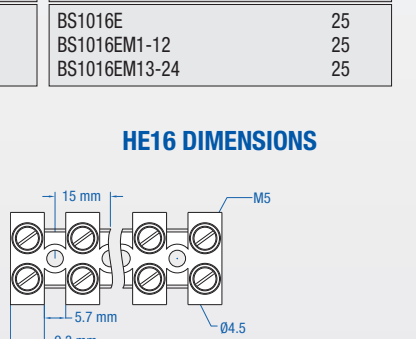
HE6 DIMENSIONS



HE10 DIMENSIONS



HE16 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

STANDOFF FEET PANEL MOUNT 600 V - WIRE PROTECTOR

HIGHLIGHTS

FEATURES

- **600V** up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

HE1H

HE4HN

Dimensions & Weight

	HE1H	HE4HN
Pitch Spacing	**8 mm**	**10 mm**
Weight per piece (12 pole)	17.2 g	33.0 g

Technical Data/Ratings

	HE1H		HE4HN	
Approvals CE FI	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**24-12 AWG**	1-2.5 mm²	**24-10 AWG**	2.5-4 mm²
Voltage Rating	600 V	500 V	600 V	500 V
Current Rating	20 A	6 A	30 A	10 A
Torque	4.4 lb-in	0.35 Nm	7.0 lb-in	0.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass	
Screw Material	Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE1H	HE4HN
Wire Stripping Length	5 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M2.6	M3

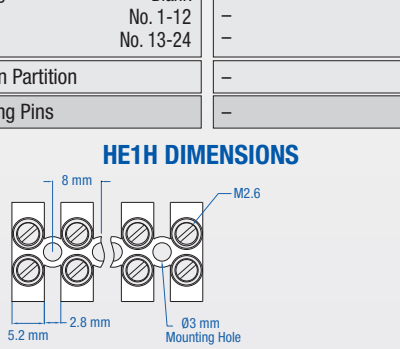
Terminal Strips

	HE1H Cat. No.	HE1H Length	HE1H Std. Pk.	HE4HN Cat. No.	HE4HN Length	HE4HN Std. Pk.
2 pole	**HE1HWPR/02**	13.2 mm	100	**HE4HNWPR/02**	16.4 mm	100
3 pole	**HE1HWPR/03**	21.2 mm	100	**HE4HNWPR/03**	26.4 mm	100
4 pole	**HE1HWPR/04**	29.2 mm	100	**HE4HNWPR/04**	36.4 mm	100
5 pole	**HE1HWPR/05**	37.2 mm	100	**HE4HNWPR/05**	46.4 mm	100
6 pole	**HE1HWPR/06**	45.2 mm	50	**HE4HNWPR/06**	56.4 mm	50
7 pole	**HE1HWPR/07**	53.2 mm	50	**HE4HNWPR/07**	66.4 mm	50
8 pole	**HE1HWPR/08**	61.2 mm	50	**HE4HNWPR/08**	76.4 mm	50
9 pole	**HE1HWPR/09**	69.2 mm	50	**HE4HNWPR/09**	86.4 mm	50
10 pole	**HE1HWPR/10**	77.2 mm	50	**HE4HNWPR/10**	96.4 mm	50
11 pole	**HE1HWPR/11**	85.2 mm	50	**HE4HNWPR/11**	106.4 mm	50
12 pole	**HE1HWPR/12**	93.2 mm	50	**HE4HNWPR/12**	116.4 mm	50

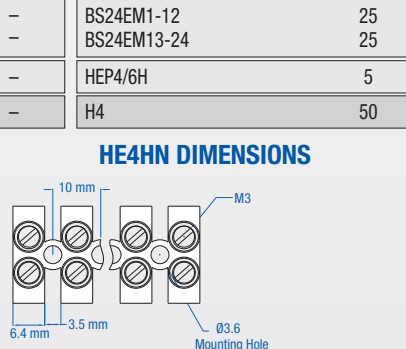
Accessories

		HE1H Cat. No.	HE1H Std. Pk.	HE4HN Cat. No.	HE4HN Std. Pk.
External Jumpers	2 pole	HCL8-2	100	HCL10-2	100
	3 pole	HCL8-3	100	HCL10-3	100
	4 pole	HCL8-4	100	HCL10-4	100
	12 pole	HCL8-12	25	HCL10-12	25
Marking Plates	Blank	–	–	BS24E	25
	No. 1-12	–	–	BS24EM1-12	25
	No. 13-24	–	–	BS24EM13-24	25
Isolation Partition		–	–	HEP4/6H	5
Mounting Pins		–	–	H4	50

HE1H DIMENSIONS



HE4HN DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

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STANDOFF FEET PANEL MOUNT 600 V - WIRE PROTECTOR

Dimensions & Weight

	HE6H	HE10H	HE16H
Pitch Spacing	**12 mm**	**15 mm**	**15 mm**
Weight per piece (12 pole)	49.1 g	98.7 g	99.3 g

Technical Data/Ratings

	HE6H		HE10H		HE16H	
Approvals	c UL us E211022	IEC 60998-2-1	c UL us E211022	IEC 60998-2-1	c UL us E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**20-10 AWG**	4-6 mm²	**18-8 AWG**	6-10 mm²	**18-6 AWG**	10-16 mm²
Voltage Rating	600 V	500 V	600 V	500 V	600 V	500 V
Current Rating	40 A	16 A	50 A	25 A	63 A	35 A
Torque	7.0 lb-in	0.55 Nm	7.6 lb-in	0.84 Nm	17.7 lb-in	1.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE6H	HE10H	HE16H
Wire Stripping Length	5 mm	6 mm	6 mm
Mounting Hole Diameter	4.2 mm	4.5 mm	4.5 mm
Terminal Screw Size	M3.5	M4	M5

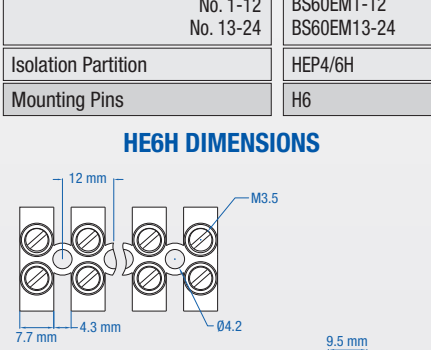
Terminal Strips

	HE6H Cat. No.	HE6H Length	HE6H Std. Pk.	HE10H Cat. No.	HE10H Length	HE10H Std. Pk.	HE16H Cat. No.	HE16H Length	HE16H Std. Pk.
2 pole	**HE6HWPR/02**	19.8 mm	100	**HE10HWPR/02**	24.2 mm	40	**HE16HWPR/02**	24.2 mm	40
3 pole	**HE6HWPR/03**	31.8 mm	100	**HE10HWPR/03**	39.2 mm	40	**HE16HWPR/03**	39.2 mm	40
4 pole	**HE6HWPR/04**	43.8 mm	100	**HE10HWPR/04**	54.2 mm	40	**HE16HWPR/04**	54.2 mm	40
5 pole	**HE6HWPR/05**	55.8 mm	100	**HE10HWPR/05**	69.2 mm	40	**HE16HWPR/05**	69.2 mm	40
6 pole	**HE6HWPR/06**	67.8 mm	50	**HE10HWPR/06**	84.2 mm	20	**HE16HWPR/06**	84.2 mm	20
7 pole	**HE6HWPR/07**	79.8 mm	50	**HE10HWPR/07**	99.2 mm	20	**HE16HWPR/07**	99.2 mm	20
8 pole	**HE6HWPR/08**	91.8 mm	50	**HE10HWPR/08**	114.2 mm	20	**HE16HWPR/08**	114.2 mm	20
9 pole	**HE6HWPR/09**	103.8 mm	50	**HE10HWPR/09**	129.2 mm	10	**HE16HWPR/09**	129.2 mm	10
10 pole	**HE6HWPR/10**	115.8 mm	25	**HE10HWPR/10**	144.2 mm	10	**HE16HWPR/10**	144.2 mm	10
11 pole	**HE6HWPR/11**	127.8 mm	25	**HE10HWPR/11**	159.2 mm	10	**HE16HWPR/11**	159.2 mm	10
12 pole	**HE6HWPR/12**	139.8 mm	25	**HE10HWPR/12**	174.2 mm	10	**HE16HWPR/12**	174.2 mm	10

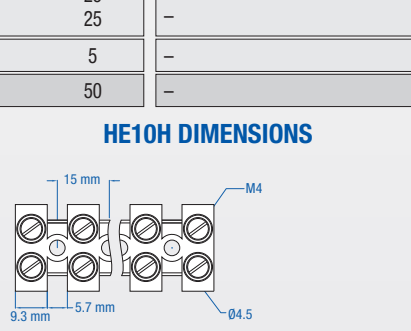
Accessories

		HE6H Cat. No.	HE6H Std. Pk.	HE10H Cat. No.	HE10H Std. Pk.	HE16H Cat. No.	HE16H Std. Pk.
External Jumpers	2 pole	HCL12-2	100	HCL15-2	100	HCL15-2	100
	3 pole	HCL12-3	100	HCL15-3	100	HCL15-3	100
	4 pole	HCL12-4	100	HCL15-4	100	HCL15-4	100
	12 pole	HCL12-12	25	HCL15-12	25	HCL15-12	25
Marking Plates	Blank	BS60E	25	–	–	–	–
	No. 1-12	BS60EM1-12	25	–	–	–	–
	No. 13-24	BS60EM13-24	25	–	–	–	–
Isolation Partition		HEP4/6H	5	–	–	–	–
Mounting Pins		H6	50	–	–	–	–

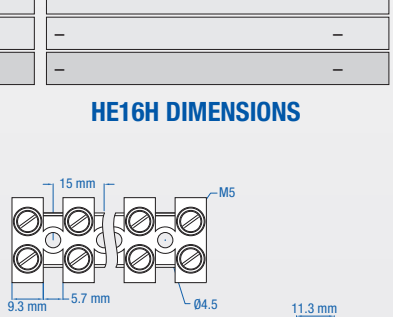
HE6H DIMENSIONS



HE10H DIMENSIONS



HE16H DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

PLUGGABLE PANEL MOUNT FLAT BASE - 300V

HIGHLIGHTS

FEATURES
- **Plug & Socket**
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- 300V / 600V up to 63A
- Color: white

APPLICATIONS
- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips

	HE42ST	HE42BU

Dimensions & Weight

	HE42ST	HE42BU
Pitch Spacing	**10 mm**	**10 mm**
Weight per piece (12 pole)	30.6 g	30.4 g

Technical Data/Ratings

	HE42ST		HE42BU	
Approvals (CE, FI)	cULus E211022	IEC 60998-2-1	cULus E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**24-10 AWG**	2.5-4 mm²	**24-10 AWG**	2.5-4 mm²
Voltage Rating	300 V	400 V	300 V	400 V
Current Rating	20 A	10 A	20 A	10 A
Torque	7.0 lb-in	0.4 Nm	7.0 lb-in	0.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE42ST	HE42BU
Wire Stripping Length	7 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M2.6	M3

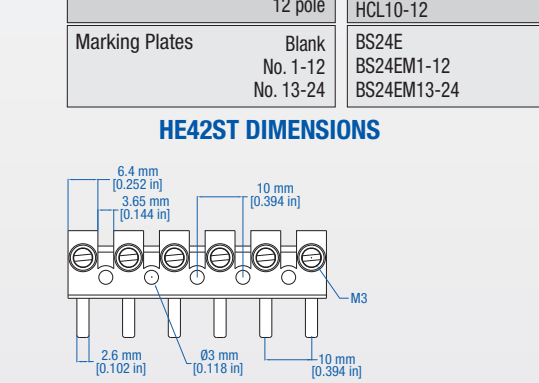
Terminal Strips

	HE42ST Cat. No.	HE42ST Length	HE42ST Std. Pk.	HE42BU Cat. No.	HE42BU Length	HE42BU Std. Pk.
2 pole	**HE42ST/02**	16.4 mm	100	**HE42BU/02**	16.4 mm	100
3 pole	**HE42ST/03**	26.4 mm	100	**HE42BU/03**	26.4 mm	100
4 pole	**HE42ST/04**	36.4 mm	100	**HE42BU/04**	36.4 mm	100
5 pole	**HE42ST/05**	46.4 mm	100	**HE42BU/05**	46.4 mm	100
6 pole	**HE42ST/06**	56.4 mm	50	**HE42BU/06**	56.4 mm	50
7 pole	**HE42ST/07**	66.4 mm	50	**HE42BU/07**	66.4 mm	50
8 pole	**HE42ST/08**	76.4 mm	50	**HE42BU/08**	76.4 mm	50
9 pole	**HE42ST/09**	86.4 mm	50	**HE42BU/09**	86.4 mm	50
10 pole	**HE42ST/10**	96.4 mm	50	**HE42BU/10**	96.4 mm	50
11 pole	**HE42ST/11**	106.4 mm	50	**HE42BU/11**	106.4 mm	50
12 pole	**HE42ST/12**	116.4 mm	50	**HE42BU/12**	116.4 mm	50

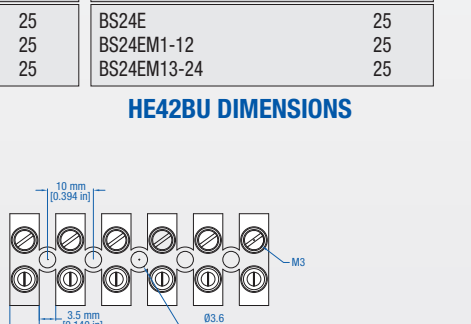
Accessories

		HE42ST Cat. No.	HE42ST Std. Pk.	HE42BU Cat. No.	HE42BU Std. Pk.
External Jumpers	2 pole	HCL10-2	100	HCL10-2	100
	3 pole	HCL10-3	100	HCL10-3	100
	4 pole	HCL10-4	100	HCL10-4	100
	12 pole	HCL10-12	25	HCL10-12	25
Marking Plates	Blank	BS24E	25	BS24E	25
	No. 1-12	BS24EM1-12	25	BS24EM1-12	25
	No. 13-24	BS24EM13-24	25	BS24EM13-24	25

HE42ST DIMENSIONS



HE42BU DIMENSIONS

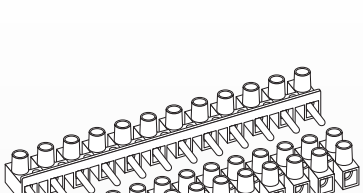


(All dimensions are shown in mm, to convert to inches please divide by 25.4)

PLUGGABLE PANEL MOUNT STANDOFF FEET - 600V

HE42SST

HE42SBU



Dimensions & Weight

	HE42SST	HE42SBU
Pitch Spacing	**10 mm**	**10 mm**
Weight per piece (12 pole)	30.6 g	30.4 g

Technical Data/Ratings

	HE42SST		HE42SBU	
Approvals	c UL us E211022	IEC 60998-2-1	c UL us E211022	IEC 60998-2-1
Wire Size (solid / stranded)	**24-10 AWG**	2.5-4 mm²	**24-10 AWG**	2.5-4 mm²
Voltage Rating	600 V	500 V	600 V	500 V
Current Rating	20 A	10 A	20 A	10 A
Torque	7.0 lb-in	0.4 Nm	7.0 lb-in	0.4 Nm
Insulation Material	Polyamide 66/6 V0		Polyamide 66/6 V0	
Insert Material	Tinned Brass		Tinned Brass	
Terminal Screw Material	Blue Chromated Steel		Blue Chromated Steel	

Installation Instructions

	HE42SST	HE42SBU
Wire Stripping Length	7 mm	6 mm
Mounting Hole Diameter	3.0 mm	3.6 mm
Terminal Screw Size	M3.5	M4

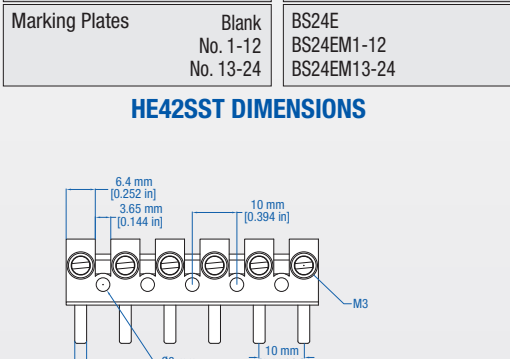
Terminal Strips

	HE42SST Cat. No.	HE42SST Length	HE42SST Std. Pk.	HE42SBU Cat. No.	HE42SBU Length	HE42SBU Std. Pk.
2 pole	**HE42SST/02**	16.4 mm	100	**HE42SBU/02**	16.4 mm	100
3 pole	**HE42SST/03**	26.4 mm	100	**HE42SBU/03**	26.4 mm	100
4 pole	**HE42SST/04**	36.4 mm	100	**HE42SBU/04**	36.4 mm	100
5 pole	**HE42SST/05**	46.4 mm	100	**HE42SBU/05**	46.4 mm	100
6 pole	**HE42SST/06**	56.4 mm	50	**HE42SBU/06**	56.4 mm	50
7 pole	**HE42SST/07**	66.4 mm	50	**HE42SBU/07**	66.4 mm	50
8 pole	**HE42SST/08**	76.4 mm	50	**HE42SBU/08**	76.4 mm	50
9 pole	**HE42SST/09**	86.4 mm	50	**HE42SBU/09**	86.4 mm	50
10 pole	**HE42SST/10**	96.4 mm	50	**HE42SBU/10**	96.4 mm	50
11 pole	**HE42SST/11**	106.4 mm	50	**HE42SBU/11**	106.4 mm	50
12 pole	**HE42SST/12**	116.4 mm	50	**HE42SBU/12**	116.4 mm	50

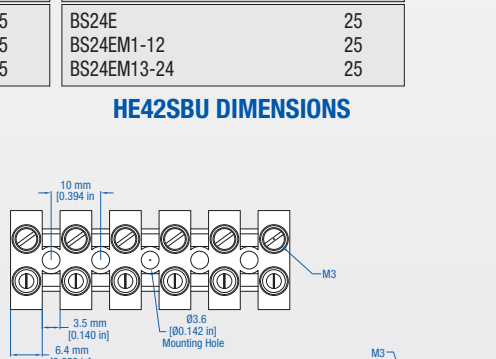
Accessories

		HE42SST Cat. No.	HE42SST Std. Pk.	HE42SBU Cat. No.	HE42SBU Std. Pk.
External Jumpers	2 pole	HCL10-2	100	HCL10-2	100
	3 pole	HCL10-3	100	HCL10-3	100
	4 pole	HCL10-4	100	HCL10-4	100
	12 pole	HCL10-12	25	HCL10-12	25
Marking Plates	Blank	BS24E	25	BS24E	25
	No. 1-12	BS24EM1-12	25	BS24EM1-12	25
	No. 13-24	BS24EM13-24	25	BS24EM13-24	25

HE42SST DIMENSIONS



HE42SBU DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

TERMINAL STRIP 300V - CENTER BARRIER / WIRE PROTECTOR

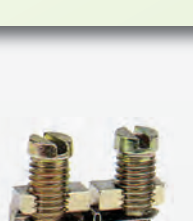
HIGHLIGHTS

FEATURES

- **Center Barrier / Wire Protector**
- **300V/600V** up to 63A
- Cost effective reliable wire-to-wire solution
- Easy to use double-row terminal strips
- Panel mount or free float
- Finger safe metal parts
- Wire protector
- easy to cut to required pole configuration
- Pre cut version in stock
- Color: translucent white

APPLICATIONS

- HVAC
- Appliances
- Equipment
- Power Distribution
- Junction Boxes
- Cost effective alternative to barrier strips



Dimensions & Weight

	ATS1.5	ATS2.5	ATS6
Pitch Spacing	**8 mm**	**10 mm**	**12 mm**
Weight per piece (12 pole)	22 g	34 g	44 g

Technical Data/Ratings

	ATS1.5			ATS2.5			ATS6		
Approvals	cULus E496554	CSA	IEC 60947-7-1	cULus E496554	CSA	IEC 60947-7-1	cULus E496554	CSA	IEC 60947-7-1
Wire Size (solid / stranded)	**22-12 AWG**	22-16 AWG	0.2-1.5 mm²	**22-10 AWG**	18-12 AWG	0.2-4 mm²	**20-8 AWG**	18-10 AWG	0.2-6 mm²
Voltage Rating	300 V	300 V	400 V	300 V	300 V	400 V	300 V	300 V	400 V
Current Rating	20 A	15 A	15 A	30 A	30 A	26 A	40 A	40 A	44 A
Torque	4.4 lb-in		0.5 Nm	5.3 lb-in		0.5 Nm	7 lb-in		0.5 Nm
Insulation Material	Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Insert Material	Nickel Plated Copper Alloy			Nickel Plated Copper Alloy			Nickel Plated Copper Alloy		
Terminal Screw Material	Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel		

Installation Instructions

	ATS1.5	ATS2.5	ATS6
Wire Stripping Length	5 mm (0.2 in.)	6 mm (0.24 in.)	7 mm (0.28 in.)
Mounting Hole Diameter	2.8 mm	3.5 mm	4.4 mm
Terminal Screw Size	M2.5	M3	M3.5

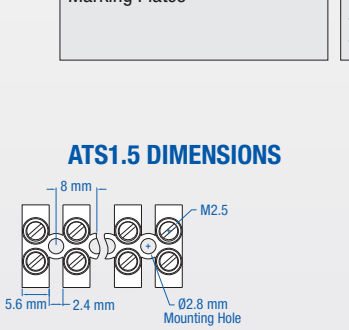
Terminal Blocks

	ATS1.5 Cat. No.	Type	L (mm)	Pk.	ATS2.5 Cat. No.	Type	L (mm)	Pk.	ATS6 Cat. No.	Type	L (mm)	Pk.
2 pole	**40.002**	ATS1.5/2	13.6 mm	100	**40.202**	ATS1.5/2	17.0 mm	100	**40.402**	ATS1.5/2	20.0 mm	100
3 pole	**40.003**	ATS1.5/3	21.5 mm	100	**40.203**	ATS1.5/3	27.0 mm	100	**40.403**	ATS1.5/3	32.0 mm	100
4 pole	**40.004**	ATS1.5/4	29.5 mm	100	**40.204**	ATS1.5/4	37.0 mm	100	**40.404**	ATS1.5/4	44.0 mm	100
5 pole	**40.005**	ATS1.5/5	37.4 mm	100	**40.205**	ATS1.5/5	47.0 mm	100	**40.405**	ATS1.5/5	56.0 mm	100
6 pole	**40.006**	ATS1.5/6	45.4 mm	50	**40.206**	ATS1.5/6	57.0 mm	50	**40.406**	ATS1.5/6	68.0 mm	50
7 pole	**40.007**	ATS1.5/7	53.3 mm	50	**40.207**	ATS1.5/7	67.0 mm	50	**40.407**	ATS1.5/7	80.0 mm	50
8 pole	**40.008**	ATS1.5/8	61.3 mm	50	**40.208**	ATS1.5/8	77.0 mm	50	**40.408**	ATS1.5/8	92.0 mm	50
9 pole	**40.009**	ATS1.5/9	69.2 mm	50	**40.209**	ATS1.5/9	87.0 mm	50	**40.409**	ATS1.5/9	104.0 mm	50
10 pole	**40.010**	ATS1.5/10	77.2 mm	50	**40.210**	ATS1.5/10	97.0 mm	50	**40.410**	ATS1.5/10	116.0 mm	50
11 pole	**40.011**	ATS1.5/11	85.1 mm	50	**40.211**	ATS1.5/11	107.0 mm	50	**40.411**	ATS1.5/11	128.0 mm	50
12 pole	**40.012**	ATS1.5/12	93.0 mm	50	**40.212**	ATS1.5/12	117.0 mm	50	**40.412**	ATS1.5/12	140.0 mm	50

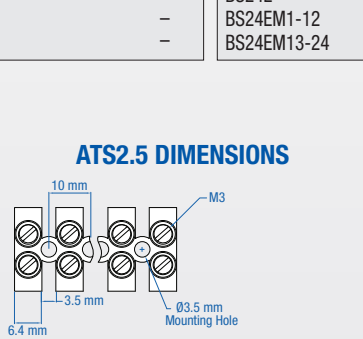
Accessories

	ATS1.5 Cat. No.	Std. Pk.	ATS2.5 Cat. No.	Std. Pk.	ATS6 Cat. No.	Std. Pk.
External Jumpers	HCL8-2	100	HCL10-2	100	HCL12-2	100
	HCL8-3	100	HCL10-3	100	HCL12-3	100
	HCL8-4	100	HCL10-4	100	HCL12-4	100
	HCL8-12	25	HCL10-12	25	HCL12-12	25
Marking Plates	–	–	BS24E	25	BS60E	25
	–	–	BS24EM1-12	25	BS60EM1-12	25
	–	–	BS24EM13-24	25	BS60EM13-24	25

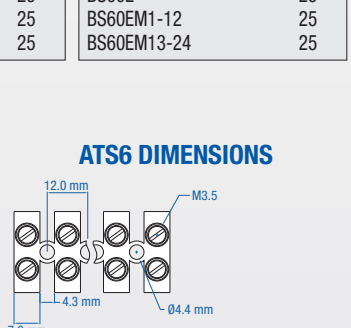
ATS1.5 DIMENSIONS



ATS2.5 DIMENSIONS



ATS6 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

TERMINAL STRIP 600V - CENTER BARRIER / WIRE PROTECTOR

ATSF1.5	ATSF2.5	ATSF6	ATSF16

Dimensions & Weight

Pitch Spacing	8 mm	10 mm	12 mm	15 mm
Weight per piece (12 pole)	30 g	36 g	50 g	98 g

Technical Data/Ratings

Approvals	CE FI EAC	cULus E496554	CSA	IEC 60947-7-1	cULus E496554	CSA	IEC 60947-7-1	cULus E496554	CSA	IEC 60947-7-1	cULus E496554	CSA	IEC 60947-7-1
Wire Size (solid / stranded)		**22-12 AWG**	22-16 AWG	0.2-1.5 mm²	**22-10 AWG**	18-12 AWG	0.2-4 mm²	**20-8 AWG**	18-10 AWG	0.2-6 mm²	**14-6 AWG**	18-6 AWG	0.2-16 mm²
Voltage Rating		600 V	600 V	400 V	600 V	600 V	400 V	600 V	600 V	400 V	600 V	600 V	800 V
Current Rating		20 A	15 A	15 A	30 A	30 A	26 A	40 A	40 A	44 A	63 A	65 A	82 A
Torque		4.4 lb-in		0.5 Nm	5.3 lb-in		0.6 Nm	7 lb-in		0.8 Nm	20 lb-in		2.25 Nm
Insulation Material		Polyamide 6.6			Polyamide 6.6			Polyamide 6.6			Polyamide 6.6		
Insert Material		Nickel Plated Copper Alloy			Nickel Plated Copper Alloy			Nickel Plated Copper Alloy			Nickel Plated Copper Alloy		
Terminal Screw Material		Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel			Zinc Yellow Chromated Steel		

Installation Instructions

Wire Stripping Length	5 mm (0.2 in.)	6 mm (0.24 in.)	7 mm (0.28 in.)	8 mm (0.32 in.)
Mounting Hole Diameter	2.8 mm	3.5 mm	4.4 mm	4.2 mm
Terminal Screw Size	M2.5	M3	M3.5	M5

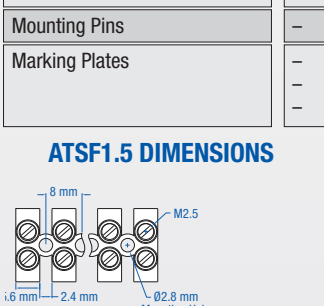
Terminal Blocks

	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.	Cat. No.	Type	L (mm)	Pk.
2 pole	**40.102**	ATSF1.5/2	13.6	100	**40.302**	ATSF2.5/2	17.0	100	**40.502**	ATSF6/2	20.0	100	**40.702**	ATSF16/2	25.0	40
3 pole	**40.103**	ATSF1.5/3	21.5	100	**40.303**	ATSF2.5/3	27.0	100	**40.503**	ATSF6/3	32.0	100	**40.703**	ATSF16/3	40.0	40
4 pole	**40.104**	ATSF1.5/4	29.5	100	**40.304**	ATSF2.5/4	37.0	100	**40.504**	ATSF6/4	44.0	100	**40.704**	ATSF16/4	55.0	40
5 pole	**40.105**	ATSF1.5/5	37.4	100	**40.305**	ATSF2.5/5	47.0	100	**40.505**	ATSF6/5	56.0	100	**40.705**	ATSF16/5	70.5	40
6 pole	**40106**	ATSF1.5/6	45.4	50	**40.306**	ATSF2.5/6	57.0	50	**40.506**	ATSF6/6	68.0	50	**40.706**	ATSF16/6	86.0	20
7 pole	**40107**	ATSF1.5/7	53.3	50	**40.307**	ATSF2.5/7	67.0	50	**40.507**	ATSF6/7	80.0	50	**40.707**	ATSF16/7	101.0	20
8 pole	**40.108**	ATSF1.5/8	61.3	50	**40.308**	ATSF2.5/8	77.0	50	**40.508**	ATSF6/8	92.0	50	**40.708**	ATSF16/8	116.0	20
9 pole	**40.109**	ATSF1.5/9	69.2	50	**40.309**	ATSF2.5/9	87.0	50	**40.509**	ATSF6/9	104.0	50	**40.709**	ATSF16/9	131.0	10
10 pole	**40.110**	ATSF1.5/10	77.2	50	**40.310**	ATSF2.5/10	97.0	50	**40.510**	ATSF6/10	116.0	25	**40.710**	ATSF16/10	146.0	10
11 pole	**40111**	ATSF1.5/11	85.1	50	**40.311**	ATSF2.5/11	197.0	50	**40.511**	ATSF6/11	128.0	25	**40.711**	ATSF16/11	161.0	10
12 pole	**40112**	ATSF1.5/12	93.0	50	**40.312**	ATSF2.5/12	117.0	50	**40.512**	ATSF6/12	140.0	25	**40.712**	ATSF16/12	176.0	10

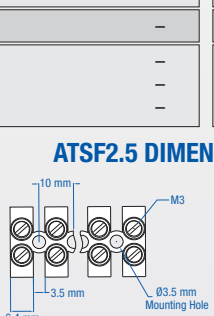
Accessories

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
External Jumpers	HCL8-2	100	HCL10-2	100	HCL12-2	100	HCL15-2	100
	HCL8-3	100	HCL10-3	100	HCL12-3	100	HCL15-3	100
	HCL8-4	100	HCL10-4	100	HCL12-4	100	HCL15-4	100
	HCL8-12	25	HCL10-12	25	HCL12-12	25	HCL15-12	25
Isolation Partition	–	–	HEP4/6H	5	HEP4/6H	5	–	–
Mounting Pins	–	–	H4	50	H6	50	–	–
Marking Plates	–	–	BS24E	25	BS60E	25	BS1016E	25
	–	–	BS24EM1-12	25	BS60EM1-12	25	BS1016EM1-12	25
	–	–	BS24EM13-24	25	BS60EM13-24	25	BS1016EM13-24	25

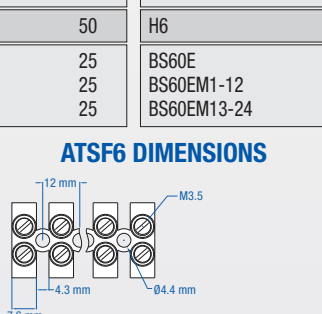
ATSF1.5 DIMENSIONS



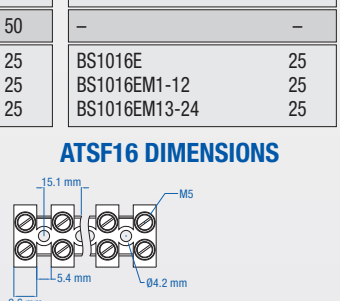
ATSF2.5 DIMENSIONS



ATSF6 DIMENSIONS



ATSF16 DIMENSIONS



(All dimensions are shown in mm, to convert to inches please divide by 25.4)

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HIGHLIGHTS

EXTERNAL JUMPERS

- Bus potential between poles on terminal Strips
- Eliminates Wire Jumpers
- Less wiring Time
- Material:
  Copper Alloy nickel plated (pins)
  Polyamide 66 (Insulation)
- Color: Black

ISOLATION PARTITION

- Separation between adjectant poles of different potentials
- Visual separation of poles
- Better circuit Identification
- Increasing wiring efficiency
- Material: Polyamide 66
- Color: black

EXTERNAL JUMPERS

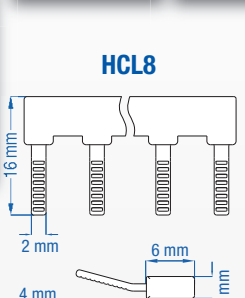
Technical Information

External Jumper	HCL8	HCL10	HCL12	HCL15
Eurostrip	HE1, HE1H	HE4, HE4HN	HE6, HE6H	HE10, HE16, HE10H, HE16H
Pole Spacing	8 mm (0.315 in.)	10 mm (0.394 in.)	12 mm (0.472 in.)	15 mm (0.591 in.)

Ordering Information

	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.	Cat. No.	Length	Std. Pk.
2 pole	**HCL8-2**	12 mm	100	**HCL10-2**	15 mm	100	**HCL12-2**	18 mm	100	**HCL15-2**	20 mm	100
3 pole	**HCL8-3**	20 mm	100	**HCL10-3**	25 mm	100	**HCL12-3**	30 mm	100	**HCL15-3**	35 mm	100
4 pole	**HCL8-4**	28 mm	100	**HCL10-4**	35 mm	100	**HCL12-4**	42 mm	100	**HCL15-4**	50 mm	100
12 pole	**HCL8-12**	92 mm	25	**HCL10-12**	115 mm	25	**HCL12-12**	138 mm	25	**HCL15-12**	170 mm	25

HCL8



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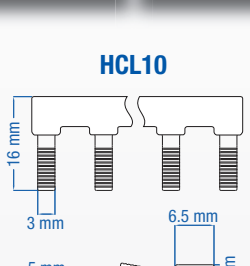
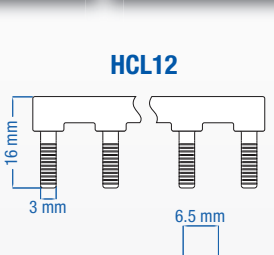
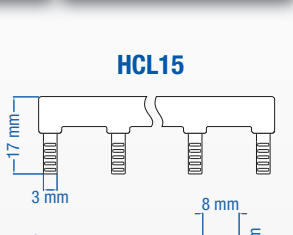


HCL12



HCL15



ISOLATION PARTITIONS

For Eurostrip HE4HN, HE6H, TSF2.5, TSF6

Cat. No.	Dimensions	Std. Pk.
HEP4/16H	27 x 18.5 x 3.4 mm	5

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

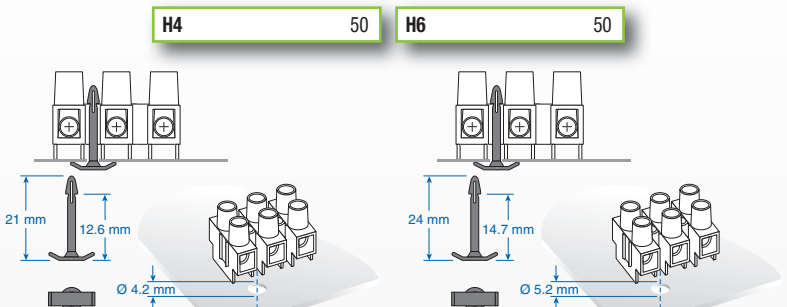
MOUNTING PINS

Technical Information

Mounting Pins	H4	H6
Eurostrip Type	HE4HN	HE6H
Panel Thickness	0.5-1.5 mm	0.8-1.8 mm
Drill Hole Size	Ø4.2 mm	Ø5.2mm

Ordering Information

Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
H4	50	H6	50



MARKING PLATES

Dimensions & Weight

Eurostrip Type	HE4, HE4HN	HE6, HE6H	HE10, HE10H, HE16, HE16H

Ordering Information

	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.	Cat. No.	Std. Pk.
Blank	BS24E	25	BS60E	25	BS1016E	25
1-12	BS24EM1-12	25	BS60EM1-12	25	BS1016EM1-12	25
13-24	BS24EM13-24	25	BS60EM13-24	25	BS1016EM13-24	25

IMPRINTING

Imprint Example

HE10HWPR/06/1-6

Order Examples

Ordering Information

	Cat. No.	Std. Pk.
Consecutive 1-6	HE10HWPR/06/1-6	500
Consecutive 8-1	HE1WPR/08/8-1	500
Identical	HE6WPR/12/1	500

For custom imprints please contact Altech.

HIGHLIGHTS

MOUNTING PINS

- Faster Panel Mounting with snap-on mounting pins
- Installation
  1) Insert Pin through drilled hole
  2) Position Eurostrip on mounting pin
  3) Snap Eurostrip onto Mounting Pins
- Use 2 or more pins per Eurostrip
- Material: Polycarbonate

MARKING PLATES

- Install Mounting Plate under or on top of Eurostrip
- Easy identification of individual pole positions for more wiring efficiency
- Less installation time
- Blank marking plates for hand-marking
- Imprinted Marking Plates (No. 1-12, 13-24)
- Material: PVC
- Color: white with black imprint

Imprinting

- Mark individual pole positions
- Marking saves installation Time
- Marking on turret location
- Consecutive, identical or custom imprints
- Specify imprinting in part#
- Imprint: black ink, rub-resistant
- 500pcs MOQ

(All dimensions are shown in mm, to convert to inches please divide by 25.4)

HIGHLIGHTS

FEATURES

- Altech DIN Rails comply with DIN EN60715, EN50022, EN50035, EN50045 standards
- Easy mounting of terminal blocks, power supplies and other control components and devices into panel
- Space saving
- Reduces labor
- 35mm, 32mm and 15mm versions
- 1m and 2m standard length
- Custom length available
- Perforated, unperforated

MATERIAL

- Zinc-plated steel
  - 35x7.5mm
  - 35x15mm
  - 32mm
  - 15mm
- Aluminum
  - 35x7.5mm
- Stainless Steel (Type AISI 304)
  - 35x7.5mm

DIN35 x 7.5

35 mm x
7.5 mm deep

Zinc Plated Steel

Type	Cat. No.	Length	Std. Pk.
Perforated	2511120	2m	20
	2511120/1M	1m	20
Unperforated	2511110	2m	20
	2511110/1M	1m	20

Stainless Steel

Type	Cat. No.	Length	Std. Pk.
Perforated	2511125	2m	20
	2511125/1M	1m	20
Unperforated	2511115	2m	20
	2511115/1M	1m	20

Aluminum

Type	Cat. No.	Length	Std. Pk.
Perforated	2511121	2m	20
	2511121/1M	1m	20
Unperforated	2511111	2m	20
	2511111/1M	1m	20

DIN35 x 15

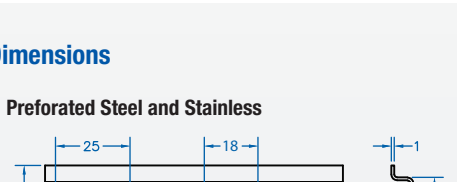
35 mm x
15 mm deep

Zinc Plated Steel

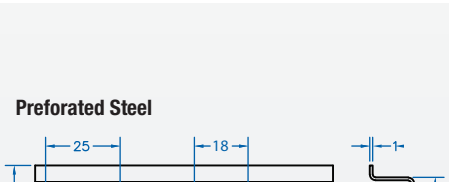
Type	Cat. No.	Length	Std. Pk.
Perforated	CA701-15/S-2M	2m	10
	CA701-15/S	1m	10
Unperforated	CA701-15-2M	2m	10
	CA701-15	1m	10

Dimensions

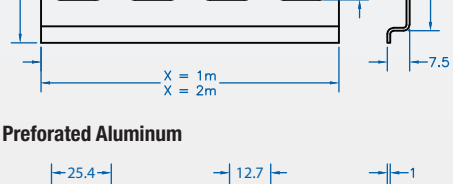
Preforated Steel and Stainless



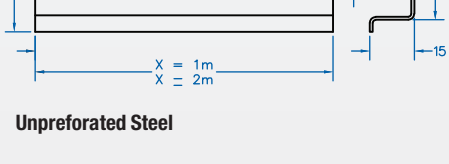
Preforated Steel



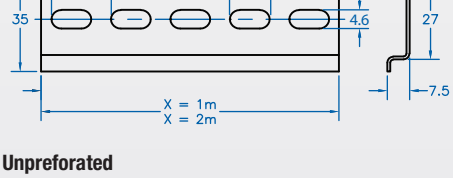
Preforated Aluminum



Unpreforated Steel



Unpreforated



DIN32

32 mm x
15 mm deep

Zinc Plated Steel

Type	Cat. No.	Length	Std. Pk.
Perforated	2511160	2m	10
	2511160/1M	1m	20
Unperforated	2511150	2m	10
	2511150/1M	1m	20

DIN15

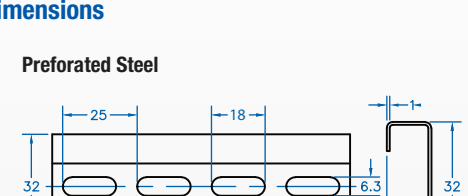
15 mm x
5.5 mm deep

Zinc Plated Steel

Type	Cat. No.	Length	Std. Pk.
Perforated	CA601/S	1m	50

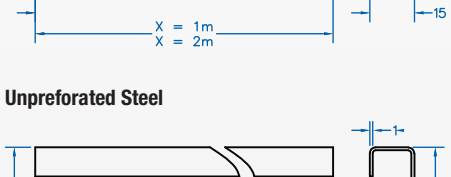
Dimensions

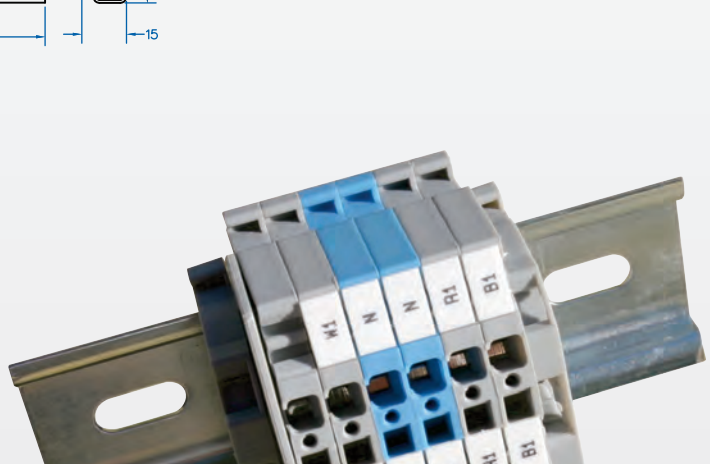
Preforated Steel



Preforated Steel

Unpreforated Steel





HIGHLIGHTS

SUPPORT BRACKETS
- Elevate DIN Rail away from panel
- Easier mounting of components
- Suitable for all mounting rails
- Increase wiring access
- 45° version for improved visibility
- Straight brackets available in 3 heights:
  - 1”
  - 2”
  - 3”

MOUNTING
- Brackets mount with 2 screws to any panel or flat surface
- Tapped center hole for DIN Rail mounting

MATERIAL
- Zinc-plated yellow chromated Steel

UNIVERSAL DIN CLIPS
- Clips on to any 35mm/32mm DIN Rail
- Flexible mounting solution
- Mount any component on 32mm/35mm DIN Rail
- Various mounting hole solutions
- Material: zinc-plated steel, Polyamide 66

SPACER
- Increases creepage and clearance distance between terminal blocks
- Segregate different groups of terminal blocks

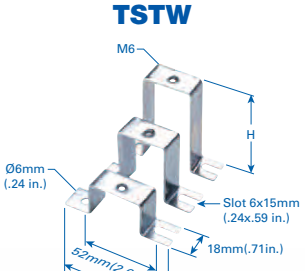
WARNING LABELS
- Mounted on top of terminal block for visual identification
- Make entire terminal block assembly shock-proof

SUPPORT BRACKETS

CA603

Cat. No.	Std. Pk.
CA603	25

TSTW



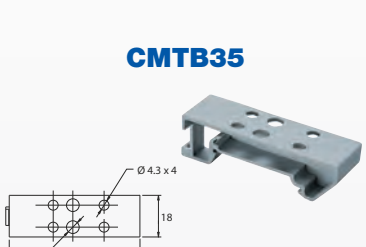
Cat. No.	Height	Std. Pk.
CA703	1 in.	25
CA803	2 in.	25
CA903	3 in.	25

UNIVERSAL DIN CLIPS

D35CLIP

Cat. No.	Mounting Hole	Std. Pk.
D35CLIP-M4	M4	100
D35CLIP-M5	M5	100

CMTB35



Cat. No.	Mounting Hole	Std. Pk.
CMTB35	2x4.4 mm	50
	2x5.5 mm	

CA902

Cat. No.	Std. Pk.
CA902	100

SPACER

CASP

Cat. No.	Dimensions	Std. Pk.
CASP	29 x 43 x 8 mm	50

CDL4U SPACER

Cat. No.	Dimensions	Std. Pk.
CDL4USP	54 x 55.5 x 6 mm	50

WARNING LABELS

Cat. No.	Terminal Blocks	Std. Pk. Pack	Strips	Tags
WLX2.5	CX2.5 Series, CXDL2.5, CXK2.5, CXM2.5	1	20	100
WLX4	CX4 Series, CXF Series, CXK4	1	20	100
WLX6	CX6 Series, CXDB Series	1	20	100
WLX10	CX10 Series	1	20	100
SWL4	CTS4U-N, CDB4, CMDB4	1	20	100
SWL10	CTS6U, CDB6U, CMDB6	1	20	100

END STOPS

Selection Table

DIN Rail Type	CA102	CA202	CA702	CA802	CA103	CA602	CA302	CA402	CA502
35x7.5mm DIN Rail	✓	✓	✓	✓	✓		✓		
35x15mm DIN Rail	✓	✓	✓	✓	✓			✓	
32mm DIN Rail	✓		✓						✓
15mm DIN Rail						✓			

HIGHLIGHTS

MOUNTING PINS

- End Stops prevent Terminal Blocks and other DIN Rail components from moving on the rail
- Versions for
  - 35x7.5mm Rail
  - 35x15mm Rail
  - 32mm Rail
  - 15mm Rail
- Heavy Duty End stop **CA102**, **CA202**
- Screwless End Stop **CA103** (snap on)
- Material:
  - Polyamide
  - Steel

POLYAMIDE 66

CA702

Cat. No.	Dimensions	Std. Pk.
CA702	34 x 44 x 9mm	50

CA802

Cat. No.	Dimensions	Std. Pk.
CA802	32 x 45 x 8mm	50

CA202

Heavy Duty End Stop

Cat. No.	Dimensions	Std. Pk.
CA202	44.5 x 50 x 9.5mm	50

CA102

Cat. No.	Dimensions	Std. Pk.
CA102	46 x 50 x 9mm	50

CA103

Screwless Snap-On

Cat. No.	Dimensions	Std. Pk.
CA103	41 x 35 x 6mm	50

CA602

Cat. No.	Dimensions	Std. Pk.
CA602	20 x 28 x 8mm	50

STEEL

CA302

Cat. No.	Dimensions	Std. Pk.
CA302	27 x 39.5 x 16mm	50

CA402

Cat. No.	Dimensions	Std. Pk.
CA402	27 x 39.5 x 16mm	50

CA502

Cat. No.	Dimensions	Std. Pk.
CA502	25 x 22.5 x 11.5mm	50

HIGHLIGHTS

FEATURES

- Group identification
- Holders fit standard **MT8** marking tags
- GMH6, GMH7 mounted directly on DIN Rail
- GMH1, GMH2, GMH3, GMH4, GMH5, GMH8 mounted on End Stops
- MT1G, MT2G, can be used with all these holders or can be directly mounted on all end stops
- Material: Polyamide 66

DIN RAIL MOUNT

GMH6

Cat. No.	Dimensions	Std. Pk.
GMH6	46.5 x 44.5 x 9.5mm	50

GMH7

Cat. No.	Dimensions	Std. Pk.
GMH7	46.5 x 44.5 x 19.5mm	50

MOUNT ON END STOP

GMH1

Suitable for CA602

Cat. No.	Dimensions	Std. Pk.
GMH1	15.8 x 14.6 x 8mm	100

GMH4

Suitable for CA802

Cat. No.	Dimensions	Std. Pk.
GMH4	16.2 x 14 x 8mm	100

GMH5

Suitable for CA702

Cat. No.	Dimensions	Std. Pk.
GMH5	13.7 x 14 x 8mm	100

GMH2 / GMH3

Suitable for CA702 (GMH2) CA802 (GMH3)

Cat. No.	Dimensions	Std. Pk.
GMH2	23.2 x 14 x 8mm	100
GMH3	23 x 14 x 8mm	100

GMH8 / GMH8N

Suitable for CA103

Cat. No.	Dimensions	Std. Pk.
GMH8	44.65 x 31.10 x 10mm	100
GMH8N	44.65 x 31.10 x 6mm	100

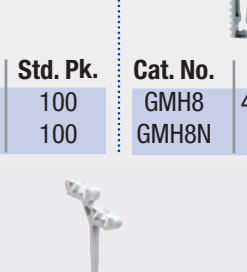
MTG1 / MTG2

Mountable on all End Clamps

Cat. No.	Dimensions	Std. Pk.
MTG1	4.3 x 34 x 17.8mm	50
MTG2	4.3 x 34 x 8mm	50

TM5

Suitable for CXDL Series



Cat. No.	Dimensions	Std. Pk.
TM5	38 x 17 x 5mm	50

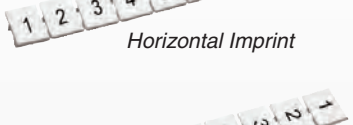
- Cost Effective MT marking system for quick and accurate identification
- Push-On Tags fit all Altech DIN Rail mount terminal blocks
- Inserted individually or as strips of 10
- Quick and easy marking
- Blank Marking Tags for customer marking
- Order with horizontal/ vertical imprint
- Standard imprints with consecutive or identical numbers/ characters
- Custom imprint with short lead time
- Supplied in packs of 100 tags/ 10 strips

BLANK MARKING TAGS

Cat No./ Type	Standard Packs Pack	Strips	Tags	Dimensions H	W
MT2	1	10	100	4.9mm	5.8mm
MT3	1	20	100	5.0mm	10.0mm
MT4	1	10	100	5.0mm	4.8mm
MT5	1	10	100	9.5mm	4.5mm
MT6	1	10	100	9.5mm	5.6mm
MT8	1	10	100	10.5mm	7.5mm
MT9	1	10	100	10.3mm	8.7mm
MT10	1	20	100	10.4mm	9.5mm
MT12	1	20	100	10.4mm	11.4mm
MT16	1	20	100	10.5mm	15.4mm
MT2G	1	10	100	5.0mm	5.0mm
MT2B4	1	10	100	5.8mm	9.1mm
Continuous Tags					
MT6F	1	10	10	9.5mm	60.0mm
MT9F	1	10	10	10.3mm	90.0mm

Blank Marking Tag

Horizontal Imprint



Vertical Imprint

HOW TO ORDER IMPRINTED MARKING TAGS

MT ☐ / ☐ – ☐

Type
2: MT2
3: MT3
16: MT16

Orientation
H: Horizontal
V: Vertical

Imprint
Consecutive Digits:
1-10, 11-20, etc. up to 100
101-110, 111-120, etc. up to 999

Identical Characters:
1, 2, 3,etc. up to 999
A, B, C, etc. up to Z

Symbols: +, –, ⊕, etc.
Custom: Contact Altech

IMPRINT EXAMPLES FOR MT6

HORIZONTAL

Imprint	Cat. No.	Imprint	Cat. No.
1	MT6/H-1	131-140	MT6/H-131-140
2	MT6/H-2	141-150	MT6/H-141-150
3	MT6/H-3	151-160	MT6/H-151-160
4	MT6/H-4	161-170	MT6/H-161-170
5	MT6/H-5	171-180	MT6/H-171-180
6	MT6/H-6	181-190	MT6/H-181-190
7	MT6/H-7	191-200	MT6/H-191-200
8	MT6/H-8	1-100	MT6/H-1-100
9	MT6/H-9	1-50	MT6/H-1-50
10	MT6/H-10	A	MT6/H-A
1-10	MT6/H-1-10	B	MT6/H-B
11-20	MT6/H-11-20	C	MT6/H-C
21-30	MT6/H-21-30	L1	MT6/H-L1
31-40	MT6/H-31-40	L2	MT6/H-L2
41-50	MT6/H-41-50	L3	MT6/H-L3
51-60	MT6/H-51-60	N	MT6/H-N
61-70	MT6/H-61-70	R	MT6/H-R
71-80	MT6/H-71-80	S	MT6/H-S
81-90	MT6/H-81-90	X	MT6/H-X
91-100	MT6/H-91-100	Y	MT6/H-Y
101-110	MT6/H-101-110	Z	MT6/H-Y
111-120	MT6/H-111-120	Ground Symbol	MT6/H-GRND
121-130	MT6/H-121-130		

VERTICAL

Imprint	Cat. No.	Imprint	Cat. No.
1	MT6/V-1	131-140	MT6/V-131-140
2	MT6/V-2	141-150	MT6/V-141-150
3	MT6/V-3	151-160	MT6/V-151-160
4	MT6/V-4	161-170	MT6/V-161-170
5	MT6/V-5	171-180	MT6/V-171-180
6	MT6/V-6	181-190	MT6/V-181-190
7	MT6/V-7	191-200	MT6/V-191-200
8	MT6/V-8	1-100	MT6/V-1-100
9	MT6/V-9	1-50	MT6/V-1-50
10	MT6/V-10	A	MT6/V-A
1-10	MT6/V-1-10	B	MT6/V-B
11-20	MT6/V-11-20	C	MT6/V-C
21-30	MT6/V-21-30	L1	MT6/V-L1
31-40	MT6/V-31-40	L2	MT6/V-L2
41-50	MT6/V-41-50	L3	MT6/V-L3
51-60	MT6/V-51-60	N	MT6/V-N
61-70	MT6/V-61-70	R	MT6/V-R
71-80	MT6/V-71-80	S	MT6/V-S
81-90	MT6/V-81-90	X	MT6/V-X
91-100	MT6/V-91-100	Y	MT6/V-Y
101-110	MT6/V-101-110	Z	MT6/V-Y
111-120	MT6/V-111-120	Ground Symbol	MT6/V-GRND
121-130	MT6/V-121-130		

FREE Altech® PLOTTER

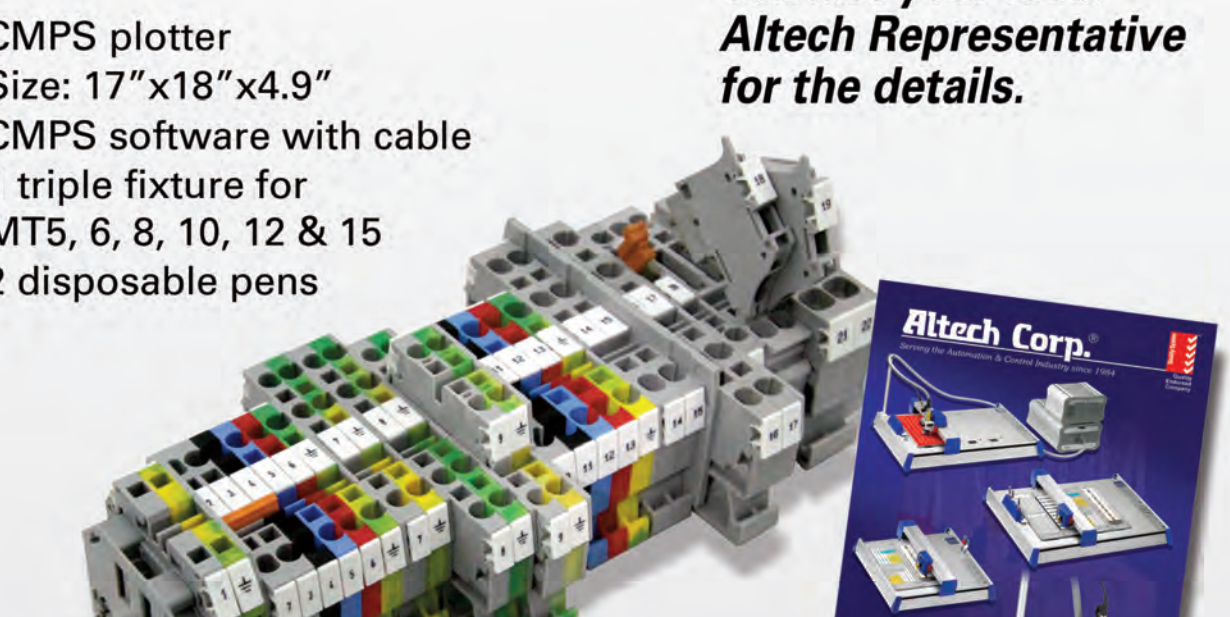
with $5000 in annual Terminal Block purchases

FREE:
Altech®
CMPS Plotter Package
Cat. No. 34130020

Comes with everything needed to begin printing MT5,6,8,10,12 and 15 tags.

- CMPS plotter
- Size: 17"x18"x4.9"
- CMPS software with cable
- 1 triple fixture for MT5, 6, 8, 10, 12 & 15
- 2 disposable pens

Contact your local Altech Representative for the details.



Download a Marking System catalog today.

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PLOTTERS

The Altech VP Series base unit is an auxiliary plotter that has to be connected to a PC via a USB connection. It is a high speed plotting device and enables plotting of different markers in one setting. The base unit is controlled through a PC with the help of Vario Sign software (sold separately). Manual available in English and Spanish.

The special design of the VP Series enables it to hold different markers from various manufacturers at the same time. It is also possible to write on relatively large markers with a maximum height of 10.5 mm.

PLOTTER VP 600 BASIC

Ordering Information

Cat No. 34000082

- Professionally marking of connectors, wires, cables, equipment, cable ties, shrink tubing, labels and signs of different sizes and materials, as well as customer-specific items.
- Manual insertion of plotter pen
- Auto calibration
- Universal Power Supply 100-240V AC
- Control language HPGL
- Universal marking software (VarioSign) sold separately
- Marking area 273 x 305 mm
- Size: 18.5 x 18.9 x 6.1 in. (470 x 480 x 155 mm)
- Weight: 13.9 lbs.

PLOTTER VP 600 A3

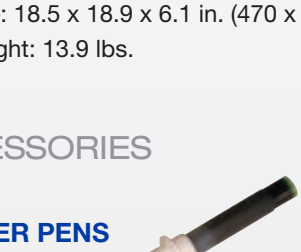
Ordering Information

Cat No. 34000080

- Basic features of plotter VP 600 Basic plus:
- Integrated and automated pen station. Holds 4 different pens at the same time, for fast and frequently changing applications.
- Built-in pen priming function
- Automatic recognition system for marking fixture / plates ensures faster and easier handing of frequently changing marking applications.
- Wide marking area 422 x 305 mm
- Size: 27.2 x 18.9 x 6.1 in. (690 x 480 x 155 mm)
- Weight: 18.3 lbs.

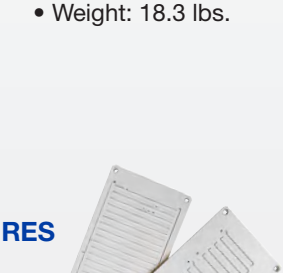
ACCESSORIES

PLOTTER PENS



Cat. No.	Description	Tip Size
35003018	Etching Plotter Pen (red)	0.18 mm
35003025	Etching Plotter Pen (white)	0.25 mm
35003035	Etching Plotter Pen (yellow)	0.35 mm
35003118	Non-Etching Plotter Pen (red)	0.18 mm
35003125	Non-Etching Plotter Pen (white)	0.25 mm
35003135	Non-Etching Plotter Pen (yellow)	0.35 mm

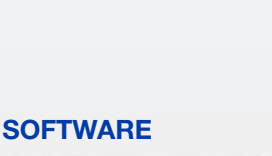
ALTECH FIXTURES



Cat. No.	Description
34902191	MT2G
34902081	MT2, MT3, MT4, MT2B4
34902001	MT5, MT6, MT8, MT10, MT12, MT16
34902057	MT9
34902080	MTG1, MTG2

* Fixtures for other Terminal Block Manufactures are available, please contact Altech for additional information.

SOFTWARE



Cat. No.	Description
34000022	Variosign Software

Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices.

Using ferrules offers several advantages:

ELIMINATE CROSS SHORTING
caused by unraveled stray wire strands.

IMPROVE TERMINAL CONNECTIONS
and reduce resistance by providing a solid surface at the point of connection.

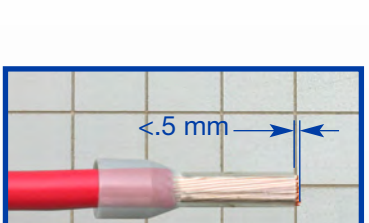
REDUCE INSTALLATION TIME
by eliminating the need to dress loose wire strands and facilitating wire insertion into the terminal clamp.

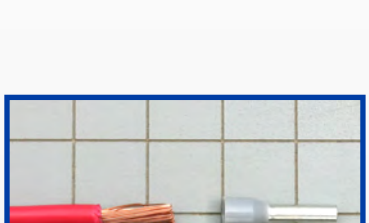
PREVENT CONDUCTOR BREAKAGE
due to bending, wire stress or vibration.

Cutting and stripping the wire

The wire should be cut as squarely and evenly as possible, taking care to avoid angular cuts or damage to the conductor. The strip length of the insulation will depend on the barrel length of the ferrule and the outside diameter of the wire.

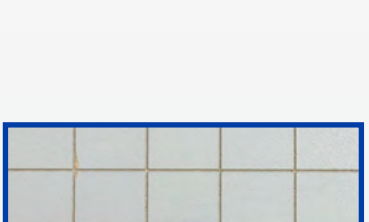
Ideally the wire insulation should be stripped to a length that allows the conductor end to reach flush to the tip of the ferrule, when inserted. The end of the conductor should not extend more than .5mm past the tip of the ferrule.

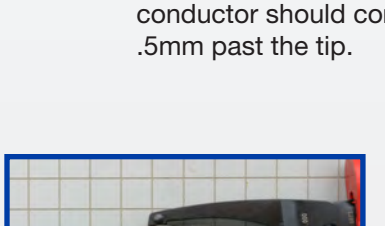




After the insulation is stripped, the strands of the conductor should be dressed by slightly twisting them to insure that any stray strands are consolidated.

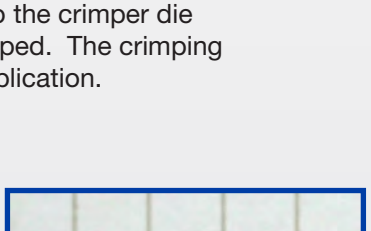
The wire can then be inserted into the ferrule. The wire should be pushed in so that the insulation edge is fully covered by the plastic collar. The conductor should completely fill the metal tube and can extend up to .5mm past the tip.





The ferrule and wire should be crimped with an appropriately sized ratcheted crimper. The ferrule should be inserted into the crimper die set and positioned so that only the metal tube is crimped. The crimping tool should be cycled completely to insure proper application.

The finished installation should then be checked for any obvious flaws in processing. An occasional pull test should be preformed to check that the crimp tool is functioning properly.



HIGHLIGHTS

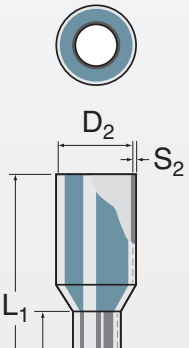
FEATURES

Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices. Insulated ferrules prevent conductor breakage due to bending, wire stress or vibration while facilitating wire insertion into the terminal clamp.

Altech's UL insulated ferrules are color coded by conductor size for convenient identification.

To ensure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire and use only professional crimping tools.

In order meet the UL requirements only matching UL crimpers should be use.



Standard Packaging

AWG	mm²	L_2 Barrel Length (mm)	Industry Standard color	Industry Standard Cat. No.	DIN Standard color	DIN Standard Cat. No.	L_1	L_2	D_1	S_1	D_2	S_2	Std. Pack
							Dimensions (mm)						
26	0.14	6	grey	FII2606			10	6	0.6	0.15	1.5	0.25	500
26	0.14	8	grey	FII2608			12	8	0.6	0.15	1.5	0.25	500
24	0.25	6	light blue	FII2406			10	6	0.85	0.15	1.8	0.25	500
24	0.25	8	light blue	FII2408			12	8	0.85	0.15	1.8	0.25	500
24	0.25	12	light blue	FII2412			16	12	0.85	0.15	1.8	0.25	500
22	0.34	6	turquoise	FII2206			10	6	0.85	0.15	2	0.25	500
22	0.34	8	turquoise	FII2208			12	8	0.85	0.15	2	0.25	500
22	0.34	12	turquoise	FII2212			16	12	0.85	0.15	2	0.25	500
20	0.5	6	orange	FII2006	white	FID2006	12	6	1	0.15	2.6	0.25	500
20	0.5	8	orange	FII2008	white	FID2008	14	8	1	0.15	2.6	0.25	500
20	0.5	10	orange	FII2010	white	FID2010	16	10	1	0.15	2.6	0.25	500
20	0.5	12	orange	FII2012	white	FID2012	18	12	1	0.15	2.6	0.25	500
18	0.75	6	white	FII1806W	grey	FID1806GR	12	6	1.2	0.15	2.8	0.25	500
18	0.75	8	white	FII1808W	grey	FID1808GR	14	8	1.2	0.15	2.8	0.25	500
18	0.75	10	white	FII1810W	grey	FID1810GR	16	10	1.2	0.15	2.8	0.25	500
18	0.75	12	white	FII1812W	grey	FID1812GR	18	12	1.2	0.15	2.8	0.25	500
18	1	6	yellow	FII1806Y	red	FID1806R	12	6	1.4	0.15	3	0.25	500
18	1	8	yellow	FII1808Y	red	FID1808R	14	8	1.4	0.15	3	0.25	500
18	1	10	yellow	FII1810Y	red	FID1810R	16	10	1.4	0.15	3	0.25	500
18	1	12	yellow	FII1812Y	red	FID1812R	18	12	1.4	0.15	3	0.25	500
16	1.5	6	red	FII1606	black	FID1606	12	6	1.7	0.15	3.5	0.25	500
16	1.5	8	red	FII1608	black	FID1608	14	8	1.7	0.15	3.5	0.25	500
16	1.5	10	red	FII1610	black	FID1610	16	10	1.7	0.15	3.5	0.25	500
16	1.5	12	red	FII1612	black	FID1612	18	12	1.7	0.15	3.5	0.25	500
16	1.5	18	red	FII1618	black	FID1618	24	18	1.7	0.15	3.5	0.25	500
14	2.08	8	yellow	FII1408Y			15	8	2.05	0.15	4.2	0.3	500
14	2.5	6		blue FID1406			13	6	2.2	0.15	4.2	0.25	500
14	2.5	8		blue FID1408			15	8	2.2	0.15	4.2	0.25	500
14	2.5	10		blue FID1410			17	10	2.2	0.15	4.2	0.25	500
14	2.5	12		blue FID1412			19	12	2.2	0.15	4.2	0.25	500
14	2.5	18		blue FID1418			25	18	2.2	0.15	4.2	0.25	500
12	4	8		grey FID1208			16	8	2.8	0.2	4.8	0.3	500
12	4	10		grey FID1210			18	10	2.8	0.2	4.8	0.3	500
12	4	12		grey FID1212			20	12	2.8	0.2	4.8	0.3	500
12	4	18		grey FID1218			26	18	2.8	0.2	4.8	0.3	100
10	6	12	black	FII1012	yellow	FID1012	20	12	3.5	0.2	6.3	0.3	100
10	6	18	black	FII1018	yellow	FID1018	26	18	3.5	0.2	6.3	0.3	100
8	10	12	ivory	FII0812	red	FID0812	22	12	4.5	0.2	7.6	0.4	100
8	10	18	ivory	FII0818	red	FID0818	28	18	4.5	0.2	7.6	0.4	100
6	16	12	green	FII0612	blue	FID0612	22	12	5.8	0.2	8.8	0.4	100
6	16	18	green	FII0618	blue	FID0618	28	18	5.8	0.2	8.8	0.4	100
4	25	16	brown	FII0416	yellow	FID0416	30	16	7.3	0.2	11.2	0.4	50
4	25	18	brown	FII0418	yellow	FID0418	32	18	7.3	0.2	11.2	0.4	50
4	25	22	brown	FII0422	yellow	FID0422	36	22	7.3	0.2	11.2	0.4	50
2	35	16	beige	FII0216	red	FID0216	30	16	8.3	0.2	12.7	0.4	50
2	35	18	beige	FII0218	red	FID0218	32	18	8.3	0.2	12.7	0.4	50
2	35	25	beige	FII0225	red	FID0225	39	25	8.3	0.2	12.7	0.4	50
1	50	20	olive	FII0120	blue	FID0120	36	20	10.3	0.3	15	0.5	50
1	50	25	olive	FII0125	blue	FID0125	41	25	10.3	0.3	15	0.5	50
1	50	30	olive	FII0130	blue	FID0130	46	30	10.3	0.3	15	0.5	50

Smaller Package Sizes

26	0.14	6	grey	FII2606M			10	6	0.6	0.15	1.5	0.25	100
26	0.14	8	grey	FII2608M			12	8	0.6	0.15	1.5	0.25	100
24	0.25	6	light blue	FII2406M			10	6	0.85	0.15	1.8	0.25	100
24	0.25	8	light blue	FII2408M			12	8	0.85	0.15	1.8	0.25	100
24	0.25	12	light blue	FII2412M			16	12	0.85	0.15	1.8	0.25	100
22	0.34	6	turquoise	FII2206M			10	6	0.85	0.15	2	0.25	100
22	0.34	8	turquoise	FII2208M			12	8	0.85	0.15	2	0.25	100
22	0.34	12	turquoise	FII2212M			16	12	0.85	0.15	2	0.25	100
20	0.5	6	orange	FII2006M	white	FID2006M	12	6	1	0.15	2.6	0.25	100
20	0.5	8	orange	FII2008M	white	FID2008M	14	8	1	0.15	2.6	0.25	100
20	0.5	10	orange	FII2010M	white	FID2010M	16	10	1	0.15	2.6	0.25	100
20	0.5	12	orange	FII2012M	white	FID2012M	18	12	1	0.15	2.6	0.25	100
18	0.75	6	white	FII1806WM	grey	FID1806GRM	12	6	1.2	0.15	2.8	0.25	100
18	0.75	8	white	FII1808WM	grey	FID1808GRM	14	8	1.2	0.15	2.8	0.25	100
18	0.75	10	white	FII1810WM	grey	FID1810GRM	16	10	1.2	0.15	2.8	0.25	100
18	0.75	12	white	FII1812WM	grey	FID1812GRM	18	12	1.2	0.15	2.8	0.25	100
18	1	6	yellow	FII1806YM	red	FID1806RM	12	6	1.4	0.15	3	0.25	100
18	1	8	yellow	FII1808YM	red	FID1808RM	14	8	1.4	0.15	3	0.25	100
18	1	10	yellow	FII1810YM	red	FID1810RM	16	10	1.4	0.15	3	0.25	100
18	1	12	yellow	FII1812YM	red	FID1812RM	18	12	1.4	0.15	3	0.25	100
16	1.5	6	red	FII1606M	black	FID1606M	12	6	1.7	0.15	3.5	0.25	100
16	1.5	8	red	FII1608M	black	FID1608M	14	8	1.7	0.15	3.5	0.25	100
16	1.5	10	red	FII1610M	black	FID1610M	16	10	1.7	0.15	3.5	0.25	100
16	1.5	12	red	FII1612M	black	FID1612M	18	12	1.7	0.15	3.5	0.25	100
14	2.08	8	yellow	FII1408YM			15	8	2.05	0.15	4.2	0.25	100
14	2.5	6		blue FID1406M			13	6	2.2	0.15	4.2	0.25	100
14	2.5	8		blue FID1408M			15	8	2.2	0.15	4.2	0.25	100
14	2.5	10		blue FID1410M			17	10	2.2	0.15	4.2	0.25	100
14	2.5	12		blue FID1412M			19	12	2.2	0.15	4.8	0.25	100
12	4	8		grey FID1208M			16	8	2.8	0.2	4.8	0.3	50
12	4	10		grey FID1210M			18	10	2.8	0.2	4.8	0.3	50
10	6	12	black	FII1012M	yellow	FID1012M	20	12	3.5	0.2	6.3	0.3	20
8	10	12	ivory	FII0812M	red	FID0812M	22	12	4.5	0.2	7.6	0.4	20

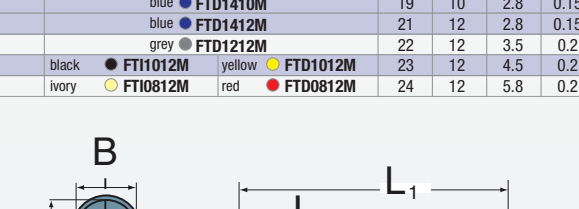
UL RECOGNIZED TWIN INSULATED FERRULES

Standard Packaging

AWG	mm²	L_2 Barrel Length (mm)	Industry Standard color	Industry Standard Cat. No.	DIN Standard color	DIN Standard Cat. No.	Dimensions (mm) L_1	L_2	D_1	S_1	S_2	A	B	Std. Pack
2 x 22	2 x 0.34	8	turquoise	FTI2208			15	8	1.2	0.15	0.25	3.5	2	500
2 x 20	2 x 0.5	8	orange	FTI2008	white	FTD2008	14	8	1.4	0.15	0.3	5	3	500
2 x 20	2 x 0.5	10	orange	FTI2010	white	FTD2010	16	10	1.4	0.15	0.3	5	3	500
2 x 20	2 x 0.5	12	orange	FTI2012	white	FTD2012	18	12	1.4	0.15	0.3	5	3	500
2 x 18	2 x 0.75	8	white	FTI1808W	grey	FTD1808GR	14	8	1.7	0.15	0.3	5.5	3	500
2 x 18	2 x 0.75	10	white	FTI1810	grey	FTD1810	16	10	1.7	0.15	0.3	5.5	3	500
2 x 18	2 x 0.75	12	white	FTI1812W	grey	FTD1812GR	18	12	1.7	0.15	0.3	5.5	3	500
2 x 18	2 x 0.75	18	white	FTI1818W	grey	FTD1818GR	24	18	1.7	0.15	0.3	5.5	3	500
2 x 18	2 x 1	8	yellow	FTI1808Y	red	FTD1808R	15	8	2	0.15	0.3	5.8	3.2	500
2 x 18	2 x 1	12	yellow	FTI1812Y	red	FTD1812R	19	12	2	0.15	0.3	5.8	3.2	500
2 x 18	2 x 1	14	yellow	FTI1814	red	FTD1814	21	14	2	0.15	0.3	5.8	3.2	500
2 x 18	2 x 1	18	yellow	FTI1818Y	red	FTD1818R	25	18	2	0.15	0.3	5.8	3.2	500
2 x 16	2 x 1.5	8	red	FTI1608	black	FTD1608	16	8	2.2	0.15	0.3	6.5	3.6	500
2 x 16	2 x 1.5	12	red	FTI1612	black	FTD1612	20	12	2.2	0.15	0.3	6.5	3.6	500
2 x 16	2 x 1.5	18	red	FTI1618	black	FTD1618	26	18	2.2	0.15	0.3	6.6	3.6	100
2 x 14	2 x 2.5	10			blue	FTD1410	19	10	2.8	0.15	0.4	8	4.5	500
2 x 14	2 x 2.5	12			blue	FTD1412	21	12	2.8	0.15	0.4	8	4.5	100
2 x 14	2 x 2.5	18			blue	FTD1418	27	18	2.8	0.15	0.4	8	4.5	100
2 x 12	2 x 4	12			grey	FTD1212	22	12	3.5	0.2	0.5	9	5.2	100
2 x 12	2 x 4	18			grey	FTD1218	28	18	3.5	0.2	0.5	9	5.2	100
2 x 10	2 x 6	12	black	FTI1012	yellow	FTD1012	23	12	4.5	0.2	0.5	11.4	6.2	100
2 x 10	2 x 6	18	black	FTI1018	yellow	FTD1018	29	18	4.5	0.2	0.5	11.4	6.2	100
2 x 8	2 x 10	12	ivory	FTI0812	red	FTD0812	24	12	5.8	0.2	0.5	13.4	7.6	100
2 x 8	2 x 10	18	ivory	FTI0818	red	FTD0818	30	18	5.8	0.2	0.5	13.4	7.6	100
2 x 6	2 x 16	16	olive	FTI0616	blue	FTD0616	29	16	8.3	0.3	0.6	17.2	9.5	50
2 x 6	2 x 16	25	olive	FTI0625	blue	FTD0625	38	25	8.3	0.3	0.6	17.2	9.5	50

Smaller Package Sizes

2 x 22	2 x 0.34	8	turquoise	FTI2208M			15	8	1.2	0.15	0.25	3.5	2	100
2 x 20	2 x 0.5	8	orange	FTI2008M	white	FTD2008M	14	8	1.4	0.15	0.3	5	3	100
2 x 20	2 x 0.5	10	orange	FTI2010M	white	FTD2010M	16	10	1.4	0.15	0.3	5	3	100
2 x 20	2 x 0.5	12	orange	FTI2012M	white	FTD2012M	18	12	1.4	0.15	0.3	5	3	100
2 x 18	2 x 0.75	8	white	FTI1808WM	grey	FTD1808GRM	14	8	1.7	0.15	0.3	5.5	3	100
2 x 18	2 x 0.75	10	white	FTI1810M	grey	FTD1810M	16	10	1.7	0.15	0.3	5.5	3	100
2 x 18	2 x 0.75	12	white	FTI1812WM	grey	FTD1812GRM	18	12	1.7	0.15	0.3	5.5	3	100
2 x 18	2 x 1	8	yellow	FTI1808YM	red	FTD1808RM	15	8	2	0.15	0.3	5.8	3.2	100
2 x 18	2 x 1	12	yellow	FTI1812YM	red	FTD1812RM	19	12	2	0.15	0.3	5.8	3.2	100
2 x 16	2 x 1.5	8	red	FTI1608M	black	FTD1608M	16	8	2.2	0.15	0.3	6.5	3.6	100
2 x 16	2 x 1.5	12	red	FTI1612M	black	FTD1612M	20	12	2.2	0.15	0.3	6.5	3.6	100
2 x 14	2 x 2.5	10			blue	FTD1410M	19	10	2.8	0.15	0.4	8	4.5	50
2 x 14	2 x 2.5	12			blue	FTD1412M	21	12	2.8	0.15	0.4	8	4.5	50
2 x 12	2 x 4	12			grey	FTD1212M	22	12	3.5	0.2	0.5	9	5.2	20
2 x 10	2 x 6	12	black	FTI1012M	yellow	FTD1012M	23	12	4.5	0.2	0.5	11.4	6.2	20
2 x 8	2 x 10	12	ivory	FTI0812M	red	FTD0812M	24	12	5.8	0.2	0.5	13.4	7.6	20



HIGHLIGHTS

FEATURES

Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices. Insulated ferrules prevent conductor breakage due to bending, wire stress or vibration while facilitating wire insertion into the terminal clamp.

Altech's UL insulated ferrules are color coded by conductor size for convenient identification.

To ensure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire and use only professional crimping tools.

In order meet the UL requirements only matching UL crimpers should be use.

Pull-Out Force Minimum Values for DIN

Minimum values of pull-out forces for FERRULES according to DIN EN 60947-1:2008, DIN EN 60999-1:2000 and DIN EN 60999-2:2004

Conductor	AWG	24	22	20	18	18	16	14	12	10	8	6	4	2	0	00	000	250 kcmil	300 kcmil	350 kcmil	500 kcmil	600 kcmil
Cross Section	mm²	0,20	0,34	0,50	0,75	1,0	1,5	2,5	4,0	6,0	10	16	25	35	50	70	95	120	150	185	240	300
Pull Out Force	N	10	15	20	30	35	40	50	60	80	90	100	135	190	236	285	351	427	427	503	578	578

Pull-Out Force Minimum Values for UL486F

Conductor	AWG	24	22	20	18	18	16	14	12	10	8	6	4	2
Cross Section	mm²	0,20	0,34	0,50	0,75	1,0	1,5	2,5	4,0	6,0	10	16	25	35
Pull Out Force	N	20	20	20	30	35	40	50	60	80	90	100	135	190
	Pounds	4.5	4.5	4.5	6.7	7.9	9.0	11.2	13.5	18	20.2	22.5	30.3	42.7

These crimpers are specifically designed for use with ferrules and have been tested with our UL Recognized ferrules to insure proper termination. In order to meet the UL requires, the correct sized crimper from this range should be used.

Crimpit F 4

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with or without plastic collars. Only one crimping profile for the entire cross-section range.

Ferrules: 0,5 – 4 mm² (20 – 12 AWG)

Twin Ferrules: 2 x 0.5 – 2 x 2.5 mm² (2 x 20 – 2 x 14 AWG)

Cat. No.: Crimpit F 4

Weight 448 g

Crimpit F 6 Auto

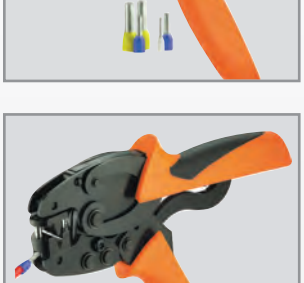
Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with and without plastic collars. Feeding from front.

Ferrules: 0,5 – 6 mm² (20 – 10 AWG)

Twin Ferrules: 2 x 0.5 – 2 x 2.5 mm² (2 x 20 – 2 x 14 AWG)

Cat. No.: Crimpit F 6 Auto

Weight 426 g



Crimpit F 6 Gyra

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with and without plastic collars. Rotatable crimp die for feeding from the front or the side.

Ferrules: 0,14 – 6 mm² (26 – 10 AWG)

Twin Ferrules: 2 x 0.5 – 2 x 4 mm² (2 x 20 – 2 x 12 AWG)

Cat. No.: Crimpit F 6 Gyra

Weight 428 g

Crimpit F 6 EN

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with and without plastic collars. Crimp conforms to EN 60947-1. Five crimping profiles for the rated conductor cross-sections. Registration in accordance with VG 95211 (Military designation VG 95236 T 14 A 0001).

Ferrules: 0.25 – 6 mm² (24 – 10 AWG)

Twin Ferrules: 2 x 0.75 – 2 x 4 mm² (2 x 18 – 2 x 12 AWG)

Cat. No.: Crimpit F 6 EN

Weight 423 g

Crimpit F 6 L

Crimping tool for ferrules (conforming to DIN 46228 part 1 and 2) with and without insulating collar. Five crimping profiles depending on the wire cross-sections.

Ferrules: 0.5 – 6 mm² (20 – 10 AWG)

Twin Ferrules: 2 x 0.75 – 2 x 4 mm² (2 x 18 – 2 x 12 AWG)

Cat. No.: Crimpit F 6 L

Weight 335 g

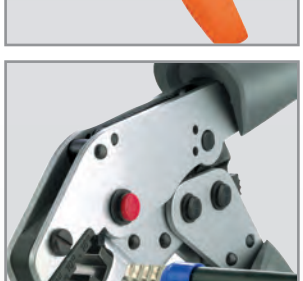
Crimpit F 16

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with and without plastic collars. Crimp conforms to EN 60947-1. Three crimping profiles for the rated conductor cross-sections. Registration in accordance with VG 95211 (Military designation VG 95236 T 14 A 0002).

Ferrules: 6 – 16 mm² (10 – 6 AWG)

Cat. No.: Crimpit F 16

Weight 418 g



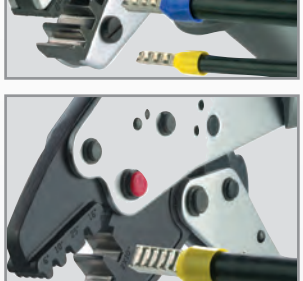
Crimpit F 16 L

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) with and without plastic collars. Crimp conforms to EN 60947-1. Three crimping profiles for the rated conductor cross-sections.

Ferrules: 6 – 16 mm² (10 – 6 AWG)

Cat. No.: Crimpit F 16 L

Weight 380 g



Crimpit F 25 L

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) as well as for twin ferrules.

Ferrules: 6 – 25 mm² (10 – 4 AWG)

Twin Ferrules: 2 x 4 – 2 x 10 mm² (2 x 12 – 2 x 8 AWG)

Cat. No.: Crimpit F 25 L

Weight 540 g

Crimpit F 50 L

Crimping tool for ferrules (according to DIN 46228 part 1 and 4) as well as for twin ferrules.

Ferrules: 35 – 50 mm² (2 – 1 AWG)

Twin Ferrules: 2 x 16 mm² (2 x 6 AWG)

Cat. No.: Crimpit F 50 L

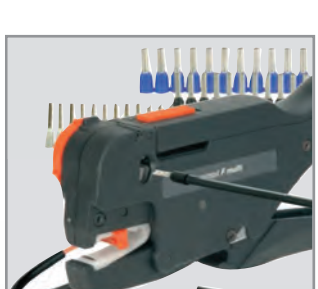
Weight 540 g

Crimper Selection Guide

Single Wire		Dual Wire		Crimpit F4	Crimpit F6 Gyra	Crimpit F6 EN	Crimpit F6 Auto	Crimpit F6L	Crimpit F16/F16L	Crimpit F25L	Crimpit F50L
AWG	mm²	AWG	mm²								
26	0.14										
24	0.25										
22	0.34										
20	0.5										
18	0.75	2 x 22	2 x 0.34								
18	1.0	2 x 20	2 x 0.5								
16	1.5	2 x 18	2 x 0.75								
14	2.5	2 x 16	2 x 1.5								
12	4	2 x 14	2 x 2.5								
10	6	2 x 12	2 x 4								
8	10	2 x 8	2 x 6								
6	16										
4	25	2 x 6	2 x 10								
2	35										
1	50										

Cutter, Stripper and Crimper

This one tool will cut and strip the wires and uses belt feed ferrules for fast and easy installation.



Crimpit F Multi

Multi-function tool. Stripping and cutting of wires. Crimping tool for insulated belt-strip ferrules according to DIN 40228.

Cross-section: 0.5 – 2.5 mm² (20 – 14 AWG)

Ferrules: 0.5 x 2.5 mm² (20 x 14 AWG)

Cat. No.: Crimpit F Multi

Weight 200 g

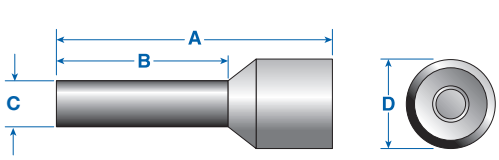
UL Recognized Insulated Belt Strip Ferrules

AWG	mm²	Barrel Length (mm)	Industry Standard color	Industry Standard Cat. No.	DIN Standard color	DIN Standard Cat. No.	Std. Pack
20	0.5	8	orange	**FII2008B**	white	**FID2008B**	10 x 50
18	0.75	8	white	**FII1808WB**	grey	**FID1808GRB**	10 x 50
18	1	8	yellow	**FII1808YB**	red	**FID1808RB**	10 x 50
16	1.5	8	red	**FII1608B**	black	**FID1608B**	10 x 50
14	2.5	8			blue	**FID1408B**	10 x 50

AUTOMATED FERRULE CRIMPING MACHINES

For technical and ordering information regarding Ferrule Crimping Machines please contact Altech.

Original Industry Standard Ferrules



C US 220672

Tested According To:

CSA Std C22.2 No.	65-93	- Wire Connectors
CSA Std C22.2 No.	188-M1983	- Splicing Wire and Cable Connectors
ANSI/**UL** Std No.	486A	- Wire Connectors and Soldering Lugs for Use with Copper Conductors
ANSI/**UL** Std No.	486C	- Splicing Wire Connectors

AWG	mm²	Color	Cat. No.	Barrel Length (B) mm	Ferrule Dimensions mm A	B	C	D	Std. Pack*
24	0.25	Lt. Blue	2620.0	6	10	6	1.2	2.3	500/100
24	0.25	Lt. Blue	2621.0	8	12	8	1.2	2.3	500/100
22	0.34	Turquoise	2622.0	6	10	6	1.2	2.5	500/100
22	0.34	Turquoise	2623.0	8	12	8	1.2	2.5	500/100
20	0.5	Orange	2397.0	6	12	6	1.3	2.8	500/100
20	0.5	Orange	2201.0	8	14	8	1.3	2.8	500/100
18	0.75	White	2398.0	6	12	6	1.5	3.3	500/100
18	0.75	White	2202.0	8	14	8	1.5	3.3	500/100
18	1	Yellow	2399.0	6	12	6	1.7	3.5	500/100
18	1	Yellow	2203.0	8	14	8	1.7	3.5	500/100
16	1.5	Red	2204.0	8	14	8	2.0	4.0	500/100
16	1.5	Red	2400.0	10	16	10	2.0	4.0	500/100
16	1.5	Red	2205.0	18	24	18	2.0	4.0	500/100
14	2.5	Blue	2206.0	8	14	8	2.5	4.7	500/100
14	2.5	Blue	2401.0	12	18	12	2.5	4.7	500/100
14	2.5	Blue	2207.0	18	24	18	2.5	4.7	500/100
12	4	Gray	2208.0	10	17	10	3.2	5.4	500/100
12	4	Gray	2402.0	12	20	12	3.2	5.4	500/100
12	4	Gray	2209.0	18	26	18	3.2	5.4	100
10	6	Black	2210.0	12	20	12	3.9	6.9	100
10	6	Black	2211.0	18	26	18	3.9	6.9	100
8	10	Ivory	2212.0	12	22	12	4.9	8.4	100
8	10	Ivory	2213.0	18	28	18	4.9	8.4	100
6	16	Green	2214.0	12	24	12	6.2	9.6	100
6	16	Green	2215.0	18	28	18	6.2	9.6	100
4	25	Brown	2267.0	18	30	18	7.7	12.0	50
4	25	Brown	2272.0	22	36	22	7.7	12.0	50
2	35	Beige	2276.0	18	30	18	8.7	13.5	50
2	35	Beige	2390.0	25	39	25	8.7	13.5	50
1	50	Olive	2500.0	20	36	20	10.9	16.0	50
2/0	70	Yellow	2786.0	20	37	20	13.4	17.0	25
3/0	95	Red	2787.0	25	44	25	15.4	19.0	5
4/0	120	Blue	2788.0	27	48	27	17.6	22.4	25
250MCM	150	Yellow	2789.0	32	58	32	20.5	25.0	25

* Different standard packs are available as shown. To order the desired standard pack, please use the quantity required as a suffix to the cat. no.
Example for 100 standard pack: Cat. No. 2620.0/100

HIGHLIGHTS

FEATURES

Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices. Insulated ferrules prevent conductor breakage due to bending, wire stress or vibration while facilitating wire insertion into the terminal clamp.

Altech's standard insulated ferrules are color coded by conductor size for convenient identification.

To ensure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire and use only professional crimping tools.

- Sleeve: polypropylene
- Tube: tin-plated copper

CRIMPER SELECTOR GUIDE page 18

HIGHLIGHTS

FEATURES

Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices.

Insulated ferrules prevent conductor breakage due to bending, wire stress or vibration while facilitating wire insertion into the terminal clamp.

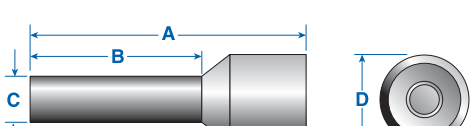
Altech's DIN standard ferrules are in compliance with DIN requirements, making them ideal for export applications. They also have a specified color code convention that differs from the color code used for Altech's industry standard ferrules.

To ensure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire and use only professional crimping tools.

- Sleeve: polypropylene
- Tube: tin plated copper

CRIMPER SELECTOR GUIDE page 18

Original DIN Standard Ferrules

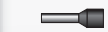
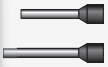
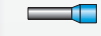


C SA US
220672

CE

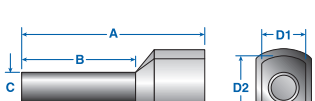
Tested According To:

CSA Std C22.2 No.	65-93	- Wire Connectors
CSA Std C22.2 No.	188-M1983	- Splicing Wire and Cable Connectors
ANSI/**UL** Std No.	486A	- Wire Connectors and Soldering Lugs for Use with Copper Conductors
ANSI/**UL** Std No.	486C	- Splicing Wire Connectors

	AWG	mm²	Cat. Color	No.	Barrel Length (B) mm	Ferrule Dimensions mm A	B	C	D	Std. Pack*
	20	0.50	White	2863.0	6	12	6	1.3	2.8	500/100
	20	0.50	White	2864.0	8	14	8	1.3	2.8	500/100
	20	0.50	White	2865.0	10	16	10	1.3	2.8	500/100
	18	0.75	Gray	2866.0	6	12	6	1.5	3.3	500/100
	18	0.75	Gray	2867.0	8	14	8	1.5	3.3	500/100
	18	0.75	Gray	2868.0	10	16	10	1.5	3.3	500/100
	18	0.75	Gray	2869.0	12	18	12	1.5	3.3	500/100
	18	1	Red	2870.0	6	12	6	1.7	3.5	500/100
	18	1	Red	2871.0	8	14	8	1.7	3.5	500/100
	18	1	Red	2872.0	10	16	10	1.7	3.5	500/100
	18	1	Red	2840.0	12	18	12	1.7	3.5	500/100
	16	1.5	Black	2841.0	8	14	8	2	4	500/100
	16	1.5	Black	2842.0	10	16	10	2	4	500/100
	16	1.5	Black	2843.0	12	18	12	2	4	500/100
	16	1.5	Black	2844.0	18	24	18	2	4	500/100
	14	2.5	Blue	2845.0	8	14	8	2.5	4.7	500/100
	14	2.5	Blue	2846.0	12	18	12	2.5	4.7	500/100
	14	2.5	Blue	2847.0	18	24	8	2.5	4.7	500/100
	12	4	Gray	2848.0	10	17	10	3.2	5.4	500/100
	12	4	Gray	2849.0	12	20	12	3.2	5.4	500/100
	12	4	Gray	2850.0	18	26	18	3.2	5.4	100
	10	6	Yellow	2851.0	12	20	12	3.9	6.9	100
	10	6	Yellow	2852.0	18	26	18	3.9	6.9	100
	8	10	Red	2853.0	12	22	12	4.9	8.4	100
	8	10	Red	2854.0	18	28	18	4.9	8.4	100
	6	16	Blue	2855.0	12	24	12	6.2	9.6	100
	6	16	Blue	2856.0	18	28	18	6.2	9.6	100
	4	25	Yellow	2857.0	18	30	18	7.7	12	50
	4	25	Yellow	2858.0	22	36	22	7.7	12	50
	2	35	Red	2859.0	18	30	18	8.7	13.5	50
	2	35	Red	2860.0	25	39	25	8.7	13.5	50
	1	50	Blue	2861.0	20	36	20	10.9	16	50

* Different standard packs are available as shown. To order the desired standard pack, please use the quantity required as a suffix to the cat. no.
Example for 100 standard pack: Cat. No. 2863.0/100

Original Dual Wire Ferrules



C US
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Tested According To:

CSA Std C22.2 No.	65-93	- Wire Connectors
CSA Std C22.2 No.	188-M1983	- Splicing Wire and Cable Connectors
ANSI/**UL** Std No.	486A	- Wire Connectors and Soldering Lugs for Use with Copper Conductors
ANSI/**UL** Std No.	486C	- Splicing Wire Connectors

Wires x AWG	mm²	Color	Cat. No.	Barrel Length (B) mm	Ferrule Dimensions mm A	B	C	D1	D2	Std. Pack*
2x20	2x0.50	White	2794.0	11	14.6	8.2	1.7	3	5	500/100
2x18	2x0.75	Gray	2775.0	11	14.6	8.2	2.0	3	5.5	500/100
2x18	2x0.75	Gray	2795.0	13	16.4	10	2.0	3	5.5	500/100
2x18	2x1	Red	2776.0	11	15.4	8.2	2.4	3.2	5.8	500/100
2x18	2x1	Red	2796.0	21	25.2	18	2.4	3.2	5.8	500/100
2x16	2x1.5	Black	2777.0	12	15.8	8.2	2.6	3.6	6.5	500/100
2x16	2x1.5	Black	2797.0	16	19.6	12	2.6	3.6	6.5	500/100
2x14	2x2.5	Blue	2778.0	14	18.5	10	3.3	4.5	8	500/100
2x14	2x2.5	Blue	2798.0	17	20.5	12	3.3	4.5	8	500/100
2x12	2x4	Gray	2799.0	16	22	12	3.9	5.2	9	100
2x10	2x6	Yellow	2800.0	18	23	12	5	6.2	11.4	100
2x8	2x10	Red	2801.0	18	24	12	6.2	7.6	13.4	100
2X6	2x16	Blue	2802.0	20	29	16	8.9	9.5	17.2	100/50

* Different standard packs are available for many ferrules. To order the desired standard pack, please use the quantity required as a suffix to the Cat. No.

Example: Cat. No. 2794.0/100 for a standard pack of 100

Ferrule Qty.	AWG	mm²	Ferrule Cat. No.	Ferrule Color	Type	Cat. No.	Std. Pack
AB1-S Industry Standard					**AB1-S**	**2884.9**	**1**
50	20	0.5	2201.0	Orange			
100	20	0.75	2202.0	White			
100	18	1	2399.0	Yellow			
100	16	1.5	2204.0	Red			
50	14	2.5	2206.0	Blue			
AB2-S Industry Standard					**AB2-S**	**2885.9**	**1**
50	12	4	2208.0	Gray			
20	10	6	2210.0	Black			
20	8	10	2212.0	Ivory			
10	6	16	2214.0	Green			
AB1-D DIN Standard					**AB1-D**	**2884.0**	**1**
50	20	0.5	2864.0	White			
100	20	0.75	2867.0	Gray			
100	18	1	2871.0	Red			
100	16	1.5	2841.0	Black			
50	14	2.5	2845.0	Blue			
AB2-D DIN Standard					**AB2-D**	**2885.0**	**1**
50	12	4	2848.0	Gray			
20	10	6	2851.0	Yellow			
20	8	10	2853.0	Red			
10	6	16	2855.0	Blue			

HIGHLIGHTS

FEATURES

Dual Wire Insulated

Dual Wire Ferrules have larger diameters and special shaped sleeves that accept two conductors of the same or different size. They provide an efficient connection of multiple wires in the same terminal clamp or simplify wire jumpering between terminal clamps. They are color coded with the same convention as the insulated DIN standard ferrules.

To ensure efficient ferrule crimping always select the smallest ferrule diameter that fits the wire and use only professional crimping tools.

- Sleeve: polypropylene
- Tube: tin plated copper

INSULATED FERRULES Assortment Box

Handy Assortment Boxes for convenient dispensing and storage of Industry and DIN Standard Insulated Ferrules. Types AB1-S and AB1-D are equipped with five different ferrule sizes. Types AB2-S and AB2-D are equipped with four different ferrule sizes. Contents of each box is listed.

CRIMPER SELECTOR GUIDE page 18

AB1-S

AB2-S

HIGHLIGHTS

FEATURES

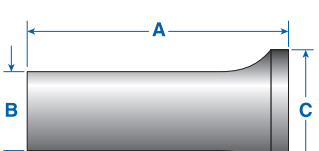
Ferrules insure reliable electrical connections when terminating stranded flexible wire in terminal blocks, circuit breakers or other control devices.

Uninsulated ferrules prevent wire strands from fraying and breaking and are extremely cost effective. Their shorter lengths and uninsulated bodies offer advantages when making terminations in printed circuit board terminal blocks and in other terminal blocks with smaller clamps or narrow widths.

To ensure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire and use only professional crimping tools. (Please refer to the ordering pages and the Crimper Selector Guide on page 18.)

- Tube: tin plated copper

Original Uninsulated Ferrules



C US
220672

Tested According To:

CSA Std C22.2 No. 65-93 - Wire Connectors
CSA Std C22.2 No. 188-M1983 - Splicing Wire and Cable Connectors
ANSI/**UL** Std No. 486A - Wire Connectors and Soldering Lugs for Use with Copper Conductors
ANSI/**UL** Std No. 486C - Splicing Wire Connectors

AWG	mm²	Cat. No.	Barrel Length (A) mm	Ferrule Dimensions mm A	B (ID)	C	Std. Pack*
20	0.5	2216.0	6	6	1.3	2.1	1000/100
18	0.75	2217.0	6	6	1.5	2.3	1000/100
18	0.75	2218.0	10	10	1.5	2.3	1000/100
18	1	2219.0	6	6	1.7	2.5	1000/100
18	1	2220.0	10	10	1.7	2.5	1000/100
16	1.5	2221.0	7	7	2.3	2.8	1000/100
16	1.5	2222.0	10	10	2.3	2.8	1000/100
14	2.5	2223.0	7	7	2.5	3.4	1000/100
14	2.5	2224.0	12	12	2.5	3.4	1000/100
12	4	2225.0	9	9	3.2	4.0	1000/100
12	4	2226.0	12	12	3.2	4.0	1000/100
10	6	2227.0	12.	12	3.9	4.7	500/100
10	6	2388.0	15	15	3.9	4.7	500/100
8	10	2228.0	12	12	4.9	5.8	500/100
8	10	2389.0	15	15	4.9	5.8	500/100
8	10	2229.0	18	18	4.9	5.8	500/100
6	16	2391.0	12	12	6.2	7.5	500/100
6	16	2392.0	15	15	6.2	7.5	500/100
6	16	2393.0	18	18	6.2	7.5	100
4	25	2394.0	15	15	7.7	9.5	500/100
4	25	2395.0	18	18	7.7	9.5	100
2	35	2396.0	18	18	8.7	11	100
1	50	2816.0	32	32	10.9	13	100
2/0	70	2790.0	25	25	13.3	15	100
3/0	95	2791.0	32	32	15.3	17	50
4/0	120	2792.0	32	32	17.5	19	25
250MCM	150	2793.0	32	32	19.5	21	25
350MCM	185	2815.0	32	32	21.2	23.5	25
500MCM	240	2815.5	40	40	23.0	25	25

CRIMPER SELECTOR GUIDE
page 118, 119, 125 and 126

* Different standard packs are available as shown. To order the desired standard pack, please use the quantity required as a suffix to the cat. no.
Example for 100 standard pack: Cat. No. 2216.0/100

Universal Ferrule Crimpers for Original Ferrules

Front Conductor Entry

One die crimps a wide range of insulated and uninsulated ferrule sizes. Three Universal Ferrule Crimpers are offered to crimp different ferrule and wire size ranges up to 16mm² (6 AWG).

- Positive ratcheting with spring return
- Trapezoidal crimp geometry
- Comfort grip plastic handle
- Hardened steel frame, matte black

Universal Ferrule Crimper

Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
E110.000	26 - 10	0.14 - 6	1

Replacement Spring Set:

185140008	Handle Spring Set
318001002	Rachet Spring

Universal Ferrule Crimper

Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
E110.005	20 - 8	0.5 - 10	1

Replacement Spring Set:

185140008	Handle Spring Set
318001002	Rachet Spring

Universal Ferrule Crimper

Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
E110.010	8 - 6	10 - 16	1

Replacement Spring Set:

185140008	Handle Spring Set
318001002	Rachet Spring

Ferrule Crimper

Side Conductor Entry

Individual crimp cavities conform to industry standard insulated and uninsulated ferrules from 25-50mm² (4-1 AWG).

- Positive ratcheting with spring return
- Emergency release
- Trapezoidal crimp geometry
- Comfort grip plastic handle
- Hardened steel frame, matte black

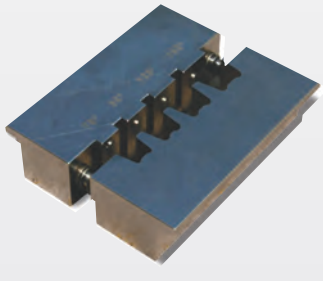
Ferrule Crimper

Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
E110.015	4 - 2	25 - 35	1

Ferrule Crimper

Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
E110.020	1	50	1

Vise Mount Ferrule Crimper



Part No.	Wire/ AWG	Ferrule mm²	Std. Pack
22.030	2/0-250 MCM	70 - 150	1

HIGHLIGHTS

FEATURES

Altech's pneumatic crimping tools speed the crimping process of insulated or uninsulated ferrules for a wide range of wire sizes up to 8 AWG.

Altech pneumatic crimpers are simple and easy to use. Just install the ferrule over the end of the stripped wire and insert it into either the front or side tool opening. Then touch the actuating lever or push the foot switch pedal to initiate the crimp cycle. Once the head closes it will automatically reopen after crimping. The resulting crimp features a compact trapezoidal cross section which is mechanically very strong and provides a large surface to insure a highly efficient electrical contact.

Crimp ferrules efficiently and economically. A unique dual crimping head provides convenient front or side wire entry, allowing crimping from multiple positions. This features makes crimping in tight places simple.

Choose either lever actuated, hand held units or hands-free foot switch operated table top models, in two basic tool sizes. Hand held models feature a flexible coil airhose with 1/4" NPT interchange connector for quick hook-up with a standard push-to-connect coupler.

The table top units also include a flexible coil air hose to the foot switch and a 1/4" NPT interchange located on the foot switch for one hand push-to-connect supply hook-up. They feature a sturdy metal base with integral table clamp and dual storage trays for quick access to the ferrule supply. The air release port on the foot switch has been quieted with a sintered bronze air silencer. The foot switch has a metal frame and a tough fiberglass shroud. Its spring return pedal provides for short actuating cycles.

Optional items for the hand held crimper include a counterbalance for maximum control and a magnetic holder for storage.

Pneumatic Crimping Tool for Original Ferrules

- Operates on 60 - 90 psi air supply
- Crimp insulated and uninsulated ferrules
- Trapezoidal crimp geometry
- Flexible coil air hose with 1/4" NPT interchange
- Metal tool body and base
- Hardened steel crimp head

Tool	Wire/ Ferrule Size AWG	Wire/ Ferrule Size mm^2	Cat. No.	Tool Wt. g (lbs.)	Std. Pack
Hand Held Crimper with Actuating Lever Crimp Insulated Ferrules and Uninsulated Ferrules	24-14	0.25-2.5	**22.014**	430 (.95)	1
Hand Held Crimper with Actuating Lever Crimp Insulated Ferrules and Uninsulated Ferrules	12-8	4-10	**22.015**	430 (.95)	1
Table Top Crimper with Foot Switch and Storage Trays Crimp Insulated Ferrules and Uninsulated Ferrules	24-14	0.25-2.5	**22.016**	1000 (2.20)	1
Table Top Crimper with Foot Switch and Storage Trays Crimp Insulated Ferrules and Uninsulated Ferrules	12-8	4-10	**22.017**	1000 (2.20)	1
Magnetic Mounting Holder *for hand held pneumatic crimpers*			**22.018**	---	1
Counterbalance *for hand held pneumatic crimpers*			**22.019**	---	1

Original Ferrule and Wire Size by Crimper Type

Use this Selector Guide to determine ferrule and wire sizes which can be crimped. Refer to following pages for selection and ordering information of crimpers.

1. Determine the wire size(s) to be used.
2. To insure efficient ferrule crimping, always select the smallest ferrule diameter that fits the wire.
3. Based on the ferrule size, choose the crimper type appropriate for use.
4. Select the crimper style best suited for your application.

CRIMPER STYLES

Wire Size AWG	Ferrule Size mm²	Crimper Type: E110.000	E110.005	E110.010	E110.015	E110.020	22.014 *	22.015	22.016 *	22.017	22.030
		UNIVERSAL FERRULE CRIMPER					PNEUMATIC FERRULE CRIMPER				VISE MOUNT FERRULE CRIMPER
26	0.14	■									
24	0.25	■					■		■		
22	0.34	■					■		■		
20	0.50	■	■				■		■		
20	0.75	■	■				■		■		
18	1	■	■				■		■		
16	1	■	■				■		■		
14	2.5	■	■				■		■		
12	4	■	■				■	■	■	■	
10	6	■	■				■	■	■	■	
8	10		■	■				■		■	
6	16			■							
4	25				■						
2	35				■						
1	50					■					
2/0	70										■
3/0	95										■
4/0	120										■
250MCM	150										■

Dual Wire Ferrules

E110.000 crimper covers 2x20 to 2x12 AWG dual wire ferrules
E110.010 crimper covers 2x10 to 2x8 AWG dual wire ferrules
E110.015 crimper covers 2x6 AWG dual wire ferrules

Key:

■ = Cavity Range

* Insulated ferrule/wire size range is shown, uninsulated ferrule range is 16-14 AWG (1.5 - 2.5mm²).

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ALTECH shall not be liable for any infringement or claim based upon use of the equipment in combination with other equipment not supplied by ALTECH or with modifications made by Customer.

The foregoing states the entire liability of ALTECH to Customer arising from patent infringement.

SELLER'S REMEDIES - Should Customer fail to make any payment within ten (10) days of its due date, or fail to perform any other of the Customer's obligation hereunder upon thirty (30) days written notice, or should Customer be or become insolvent or be a party to any bankruptcy receivership proceeding prior to full payment of all amounts payable hereunder, ALTECH may: (a) with or without demand or notice to customer declare the entire amount unpaid immediately due and payable; (b) enter upon the premises where the equipment may be found and remove it (Customer shall assemble the equipment and make it available to ALTECH at a place reasonably convenient to both parties and shall permit and assist ALTECH in effecting the retaking and removal of the equipment); and (c) sell any or all the equipment as permitted under applicable law, applying the proceeds of the sale to payment of the expenses of retaking, repairing and selling the equipment, reasonable attorney fees and to the satisfaction of all indebtedness then due and unpaid under this Agreement. Any surplus shall be paid to Customer and any deficiency shall be paid to ALTECH by Customer.

The remedies provided herein shall be cumulative and in addition to all other remedies provided by law or equity or under the Uniform Commercial Code.

GOVERNING LAW - This agreement will be governed by the Laws of the State of New Jersey.

GENERAL - This Agreement shall only become effective and binding when either (a) it has been accepted and executed by an authorized representative of ALTECH, or (b) the equipment has been shipped to Customer, with or without acceptance in writing hereon. Notice of acceptance is hereby waived by Customer. Customer hereby acknowledges receipt of a true and complete copy hereof.

No addition to or modification of any of the Terms and Conditions of Sale as they appear herein shall be binding upon ALTECH unless signed in writing by duly authorized representative of ALTECH in Flemington, N.J.

Typographical and clerical errors in quotations, orders and acknowledgments are subject to correction.

This Agreement is not assignable without the prior written consent of ALTECH. Any attempt to assign any of the rights, duties or obligations of this Agreement without such consent is void.

If any provision or provisions of this Agreement shall be held to be invalid, illegal or unenforceable, the validity, legality and enforceability, of the remaining provisions shall not in any way be affected or impaired thereby.

ALTECH is not responsible for failure to fulfill its obligation under this Agreement due to causes beyond its control, or except as agreed herein.

THE CUSTOMER ACKNOWLEDGES THAT HE HAS READ THE AGREEMENT, UNDERSTANDS IT, AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS. FURTHERMORE, THE CUSTOMER AGREES THAT IT IS THE COMPLETE AND EXCLUSIVE STATEMENT OF THE AGREEMENT BETWEEN THE PARTIES, WHICH SUPERSEDES ALL PROPOSALS OR PRIOR AGREEMENTS, ORAL OR WRITTEN, EXPRESSED OR IMPLIED, AND ALL OTHER COMMUNICATIONS BETWEEN THE PARTIES RELATING TO THE SUBJECT MATTER OF THIS AGREEMENT.

ALTECH OFFERS A LARGE SELECTION OF AUTOMATION AND CONTROL COMPONENTS

Circuit Protection Devices

Altech the market leader in UL508 Manual Motor Controllers/ Miniature Circuit Breakers now introduces UL489 Miniature Circuit Breakers and UL1077 Supplementary Protectors. The UL489 versions are DIN rail mounted, 17.5mm wide, thermal magnetic, 240V, 480Y/277V AC, 50/60Hz, 125 and 250 VDC models, with short circuit interrupt capacity of 10kA, a positive trip indicator, and are line/load reversible. The UL1077 versions are DIN rail mounted, 17.5mm wide, thermal magnetic, 480Y/277V AC, 50/60Hz, a short circuit withstand capacity 10kA, have a positive trip indicator.

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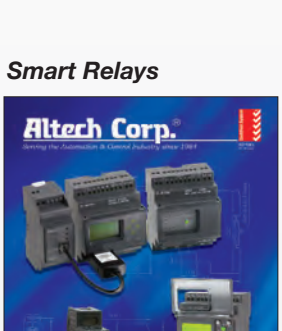

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Motor Disconnect Switches

Altech's line of Motor Disconnect Switches are UL 508 listed as Manual Motor Controllers for AC Motor Starting Across-the-line and AC General use. This new 16 page catalog includes the 3 different handle designs, which are all available in gray/black or yellow/red housings. Electrical ratings are 25-150A / 600V. The switches are non-fused DIN Rail mountable. Neat features include: snap-on auxiliary switches, door mounting kit and a retrofit 30A fuse holder. Also featured are Enclosed Motor Disconnect Switches & Fused Enclosed Motor Disconnect Switch (30A) in plastic or stainless housings.

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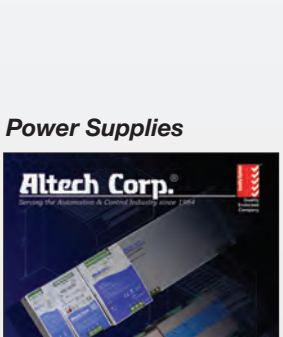
Power Supplies



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