

Weidmüller Interface GmbH & Co. KG Klingenbergstraße 26

D-32758 Detmold Germany

www.weidmueller.com

Product image









Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easer and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

Version	W-Series, Fuse terminal, Rated cross-section: 6 mm², Screw connection
Order No.	<u>1012400000</u>
Туре	WSI 6/LD 250AC
GTIN (EAN)	4008190139834
Qty.	10 pc(s).



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Technical data

-			
Dim	ensions	and	weights

Depth	71.5 mm	Depth (inches)	2.815 inch
Depth including DIN rail	72 mm	Height	60 mm
Height (inches)	2.362 inch	Width	7.9 mm
Width (inches)	0.311 inch	Weight	21.5 g
Net weight	19.47 a		

Temperatures

Storage temperature	-25 °C55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, Fuse isolator, with LED, for screwable cross- connection, One end	End cover plate required	
	without connector		Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely		Wire connection cross section, finely	
stranded with wire-end ferrules DIN		stranded with wire-end ferrules DIN	
46228/1, 2 clampable wires, max.	2.5 mm ²	46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely		Wire cross-section, finely stranded, two	
stranded, two clampable wires, min.	0.5 mm ²	clampable wires, max.	2.5 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

CSA rating data

Certificate No. (CSA)	200039-1057876	Wire cross section max. (CSA)	8 AWG
Wire cross section min. (CSA)	20 AWG		

Conductors for clamping (additional connection)

Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max.

6 mm²

Conductors for clamping (rated connection)

Blade size 0.8 x 4.0 mm

Creation date January 18, 2022 6:54:35 AM CET



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Technical data

Clampable conductor	Connection specification	Screw connection			
	Cross-section for conductor connection	Туре			
		min.	0.5 mm ²		
		max.	10 mm ²		
		nominal	6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire- end ferrule	,		
	Connection specification	Screw connection			
	Cross-section for conductor connection	Туре	stranded, l	H07V-R	
	Cross seemen for semigration comments.	min.	1.5 mm ²		
		max.	10 mm ²		
		nominal	6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
	ona fortulo	Caripping longar	max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire- end ferrule			
	Connection specification	Screw connection			
	Cross-section for conductor connection	Туре	Type flexible, H05(07) V-K		
		min.	0.5 mm ²		
		max. 10 mm ²			
		nominal	nominal 6 mm ²		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
		3 3 1	max.	1.6 Nm	
		Recommended wire- end ferrule			
Clamping range, max.	10 mm ²	ena lerrale			
Clamping range, min.	0.5 mm ²				
Clamping screw	M 3.5				
Connection cross-section, stranded, max.	10 mm²				
Connection cross-section, stranded, mi					
Connection direction	on side				
Gauge to IEC 60947-1	A5				
Number of connections	2				
Stripping length	12 mm				
Tightening torque, max.	1.6 Nm				
Tightening torque, min.	0.8 Nm				
Torque level with DMS electric screwdriver	3				
Type of connection	Screw connection				
71	AWG 8				
Wire connection cross section AWG, max.					
Wire connection cross section AWG, max. Wire connection cross section AWG,	AWG 20				
Wire connection cross section AWG, max.	AWG 20 10 mm ²				

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Technical data

Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	6 mm²		
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	10 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		
Display element			
Operating voltage for display, max.	250 V	Operating voltage for display, min.	140 V
Гуре of voltage for indicator	AC/DC		
Fuse terminals			
Cartridge fuse	G-Si. 5 x 20	Display	Red LED
use holder (cartridge holder)	Pivoting	Operating voltage, max.	250 V
ype of voltage for indicator	AC/DC		
General			
Rail	TS 35	Standards	IEC 60947-7-3
Wire connection cross section AWG,	10 00	Wire connection cross section AWG,	ILC 00347-7-3
nax.	AWG 8	min.	AWG 20
Rating data			
Rated cross-section	6 mm²	Rated voltage	250 V
Rated voltage to adjoining terminal	500 V	Rated current	6.3 A
Current at maximum wires	6.3 A	Standards	IEC 60947-7-3
/olume resistance according to IEC	0.78 mΩ	Rated impulse withstand voltage	6 kV
Power loss in accordance with IEC 60947-7-x	1.31 W	Pollution severity	3
UL rating data			
Cortificate No. (LID)	E60693	Conductor size Footom wining reserving	D) 8 AMC
Certificate No. (UR) Conductor size Factory wiring min. (UR		Conductor size Factory wiring max. (UF Conductor size Field wiring max. (UR)	8 AWG
Conductor size Factory wiring min. (UR)	22 AWG 22 AWG	Conductor size rield wiring max. (UK)	D AVV D
Classifications			
ETIM 6.0	EC000899	ETIM 7.0	EC000899
ETIM 8.0	EC000899	ECLASS 9.0	27-14-11-16
ECLASS 9.1	27-14-11-16	ECLASS 10.0	27-14-11-16

ECLASS 11.0

27-14-11-16



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Technical data

Approvals

Approvals













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ROHS	Conform
UL File Number Search	E60693
Downloads	
Approval/Certificate/Document of Conformity	CB Testreport CB Certificate CB Test certificate EAC certificate ENCE CERTIFICATE DNVGL certificate Lloyds Register Certificate MARITREG Certificate CE Declaration of Conformity CE Declaration of Conformity all terminals
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Beipackzettel SAKS GL LD.pdf StorageConditionsTerminalBlocks Marking options on WSI 6 terminal blocks
Catalogues	Catalogues in PDF-format
Brochures	

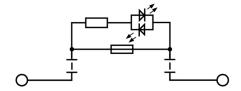


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Drawings





Weidmüller Interface GmbH & Co. KG

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Accessories

QB



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Туре	QB 58/8/9/WI	Version
Order No.	0545300000	SAK Series, Cross-connector, for cross-connection link, Number of
GTIN (EAN)	4008190125080	poles: 58
Qty.	10 pc(s).	
Туре	QB 58/8/15	Version
Type Order No.	QB 58/8/15 0545400000	Version SAK Series, Cross-connector, for cross-connection link, Number of

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

Туре	WS 12/6.5 MC NE WS	Version
Order No.	<u>1609920000</u>	WS, Terminal marker, 12 x 6.5 mm, Pitch in mm (P): 6.50
GTIN (EAN)	4008190203511	Weidmueller, Allen-Bradley, white
Qty.	540 pc(s).	



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Accessories

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type WEW 35/2
Order No. 1061200000
GTIN (EAN) 4008190030230
Oty. 50 pc(s).

Version

W-Series, End bracket

2.5-10 mm²

2.5-10 mm² End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

WAP 2.5-10 Туре Version Order No. 1050000000 W-Series, End plate GTIN (EAN) 4008190103149 Qty. 50 pc(s). WAP 16+35 WTW 2.5-10 Туре Version Order No. 1050100000 W-Series, End plate, Partition plate GTIN (EAN) 4008190079901 Qty. 20 pc(s).



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Accessories

W-Series



Test adapters and test plugs are used for the electrical connection between terminal blocks and the test equipment. In this way, an electrical contact can be established in the wired state and measurements can be done easily.

General ordering data

Type WTA 7 WSI6
Order No. 1650210000
GTIN (EAN) 4008190296872
Oty. 25 pc(s).

Version

W-Series, Test adapter

WS 12/5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- · High flexibility thanks to manufacturer independence

General ordering data

 Type
 WS 12/5 MM WS
 Version

 Order No.
 2007190000
 WS, Terminal marker, 12 x 5 mm, Weidmueller, white

 GTIN (EAN)
 4050118392036

 Qty.
 800 pc(s).



Weidmüller Interface GmbH & Co. KG

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Accessories

ZGB pivotable group tag holder



The ZGB 15 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 15.

The ZGB 30 is a hinged group tag carrier. The tag carrier can hold the dekafix 5, WS 12/5 terminal markers or the inlay tag ESO 7.

Inlay tags and protective strips can be found under "Accessories".

General ordering data

Туре	ZGB 15	Version
Order No.	<u>1636530000</u>	Terminal markers, Terminal marker, 15 x 7 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190297053	Weidmueller, white
Qty.	20 pc(s).	
Туре	ZGB 30	Version
Type Order No.	ZGB 30 1611930000	Version Terminal markers, Terminal marker, 32 x 7 mm, Pitch in mm (P): 5.00
• •		

Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format,

character strings. Thanks to the proven MultiCard form printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

Туре	WS 12/5 MC NE WS	Version
Order No.	1609860000	WS, Terminal marker, 12 x 5 mm, Pitch in mm (P): 5.00 Weidmueller,
GTIN (EAN)	4008190203481	Allen-Bradley, white
Qty.	720 pc(s).	



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Accessories

DEK 5/8



WS/ DEK

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Your benefits with MultiMark

- Firm hold and durable printing
- · Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- · High flexibility thanks to manufacturer independence

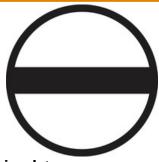
General ordering data

Type DEK 5/8 MM WS
Order No. 2007130000
GTIN (EAN) 4050118392012
Qty. 500 pc(s).

Version

Dekafix, Terminal marker, 5 x 8 mm, Weidmueller, white

Slotted screwdriver



Slotted screwdriver with rounded blade SD DIN 5265, ISO 2380/2, output to DIN 5264, ISO 2380/1. ChromTop tip, SoftFinish grip

General ordering data

Type SDS 0.8X4.0X100
Order No. 9008340000
GTIN (EAN) 4032248056293
Oty. 1 pc(s).

Version

Screwdriver, Screwdriver



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Accessories

Shielding connection



Shielding and earthing

Our protective earth conductor and shielding terminals featuring different connection technologies allow you to effectively protect both people and equipment from interference, such as electrical or magnetic fields. A comprehensive range of accessories rounds off our range.

General ordering data

Type LS 2.8 WDU2.5-10
Order No. 1056400000
GTIN (EAN) 4008190036454
Oty. 100 pc(s).

Version

W-Series, Shield bus

WS 12/6.5



WS/ DEK

MultiMark terminal markers use an innovative composite material made from two components. The hard base contour of the marker snaps securely into the connector. The elastic surface finish makes the marker easy to mount. This specially punched material enables the strips to be stretched to accommodate the slight variations in spacing that tend to add up, especially with long terminal blocks. Another advantage: the excellent printability of the surface material guarantees durable and wear-resistant labelling. A print resolution of 300 dpi also produces a very legible script.

Your benefits with MultiMark

- Firm hold and durable printing
- Continuous strips save installation time
- Easy mounting thanks to an innovative composite material
- Large label field for optimal legibility
- · High flexibility thanks to manufacturer independence

General ordering data

 Type
 WS 12/6.5 MM WS
 Version

 Order No.
 2619930000
 WS, Terminal marker, 12 x 6.5 mm, Weidmueller, white

 GTIN (EAN)
 4050118626155

 Qty.
 600 pc(s).



Weidmüller Interface GmbH & Co. KG

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Accessories

QL mounting screws



Screwable cross-connections are easy to mount and de mount. Thanks to the big contact surface, even high currents can be transmitted with maximum contact reliability.

General ordering data

Туре	SS M3 D 128-A 3
Order No.	0164400000
GTIN (EAN)	4008190035914
Qty.	50 pc(s).

Version

Accessories, Lock washer

5x20

5×20

For protection against overcurrent, we offer cartridge fuse with dimensions 5x20 mm in sizes from 100 mA to 6.3 A.

Туре	G 20/1.00A/F	Version
Order No.	0430700000	Active components, Fuse
GTIN (EAN)	4008190093877	
Qty.	10 pc(s).	
Туре	G 20/0.25A/F	Version
Order No.	0430500000	Active components, Fuse
GTIN (EAN)	4008190153991	
Qty.	10 pc(s).	
Туре	G 20/2.00A/F	Version
Type Order No.	G 20/2.00A/F 0430900000	Version Active components, Fuse
Order No.	0430900000	
Order No. GTIN (EAN)	<u>0430900000</u> 4008190123567	
Order No. GTIN (EAN) Qty.	0430900000 4008190123567 10 pc(s).	Active components, Fuse
Order No. GTIN (EAN) Oty. Type	0430900000 4008190123567 10 pc(s). G 20/0.50A/F	Active components, Fuse Version



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Accessories

Blank



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- · Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- · Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

ype DEK 5/8 MC NE WS Version

Order No. <u>1856740000</u> Dekafix, Terminal marker, 5 x 8 mm, Pitch in mm (P): 8.00

GTIN (EAN) 4032248400850 Weidmueller, white

Qty. 800 pc(s).

Z-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

 Type
 ZST 1
 Version

 Order No.
 1269070000
 Accessories, Accessories holder

GTIN (EAN) 4050118094091 Oty. 25 pc(s).

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00110420202 8WA1011-1BH23 8WA1011-1EF20 91.010 9102100000 91.040 9123140000 9123140001 RBO 5-T-B-HEX 1333564 DP25-GY-ND 1431306 1433306 HSL-TB64-DIN 90.070 91.020 912314 260-301_NR 2757571 280-331 280-560 280-564 281-611/281-542 281-673/281-411 281-994 283-317 283-607 2909798 264-724 264-726 280-530 280-555 280-619 281-610 281-622/281-417 284-317 284-601 2907033 3048496 5542152 35956 USK 10 102510 1025100000 5520682 5607102 EMH 25-ZE30 591620-2 UM 45-SEFE M.NUT BK 1-591651-1