Modular Bus System

General Purpose Transformer

PSG Power Supplies

CHDB Series Power Distribution

XB Terminal Blocks

For our complete product offering, see Volume 7—Logic Control, Operator Interface and Connectivity Solutions, CA08100008E

Product Overview

Modular Bus System Selection Guide

Description	Modular Distribution Busbar System (MDBS)	Power Distribution Busbar Module (PDBM)
	Page V9-T6-3	Page V9-T6-4
Technical Data		
Voltage		
Type	AC or DC or both	DC
Vdc	to 110 Vdc nominal (77–137.5 Vdc)	to 72 Vdc nominal (55–90 Vdc)
Vac	to 380 Vac nominal (342–424 Vac); 50/60 Hz	—
Busbars	4 busbars	1, additional negative return busbar possible
Busbar rating	300A output	100A total output (up to 30A per breaker)
Mounting	Front panel	Front or rear panel
Breaker specifications		
Type	Hydraulic-magnetic	Hydraulic-magnetic
Series	AMR, AM1P (three-pole AMR in parallel)	J Series
Ratings	to 100A (single-pole), 300A (three-pole)	to 30A
Terminals	Plug-in bullet terminals	Fast-on
Number of breakers	3 and 5 breaker modules (any combination)	Maximum 12 positions (using 4-position modules)
Auxiliary contact	Via individual connections via trim trio connector	Individual signals via SMS, SUBD, or DT connectors
Dual control	Available	Available
Dimensions		
Module only—H x W x D in (mm)		
3-Breaker	3.31 x 2.25 x 4.095 (84 x 57.15 x 104)	—
4-Breaker	—	3.94 x 3.00 x 1.10 (100 x 76 x 28)
5-Breaker	3.31 x 3.74 x 4.095 (84 x 95 x 104)	—
Module including mounting blade, busbar, auxiliary switch—H x W x D in (mm)		
3-Breaker	4.53 x 2.25 x 5.52 (115 x 57.15 x 140)	—
4-Breaker	—	3.94 x 3.00 x 1.46 (100 x 76 x 37)
5-Breaker	4.53 x 3.74 x 5.52 (84 x 95 x 104)	—
Weight		
Weight (without busbars)		
3-Breaker	200g (7 oz)	—
4-Breaker ①	—	160g (5.65 oz)
5-Breaker	300g (10.6 oz)	—

Note

① With busbars.

Modular Bus System for Hydraulic Magnetic Circuit Breakers—MDBS

Features

- Compact power distribution bus system design
- Number, type (AC vs. DC) and location of loads can be easily changed by adjusting the busbar components
- Saves installation time
- Available with or without individual alarm auxiliary switches
- Utilizes pluggable breakers for quick connection and ability to disconnect

Catalog Number Selection

Modular Bus System for Hydraulic Magnetic Circuit Breakers—MDBS

Modular Bus System—MDBS Model

MDBS 16 I AD 200

Type	Number of Positions	Auxiliary Alarm	Voltage Ratings	Ratings
MDBS = Modular distribution busbar system	**10** = 10 positions **13** = 13 positions **15** = 15 positions	**I** = Individual auxiliary alarm **N** = No auxiliary alarm	**AC** = AC only **DC** = DC only **AD** = AC/DC	**200** = Busbar current rating

Product Selection

Modular Bus System—MDBS Model

Individual Auxiliary Alarm	Voltage	Number of Breaker Positions (Poles)	Catalog Number ①
Yes	AC and DC	10	**MDBS-10-1-AD-200**
		13	**MDBS-13-1-AD-200**
		15	**MDBS-15-1-AD-200**
No	AC only	10	**MDBS-10-N-AD-200**
		13	**MDBS-13-N-AD-200**
		15	**MDBS-15-N-AD-200**

Note

① These are typical catalog numbers that could be built using the modular system.
Products are built-to-order according to specifications and can be provided with any number of positions.

Modular Bus System for Hydraulic Magnetic Circuit Breakers—PDMB

Features

- Compact power distribution bus system design
- Number, type (AC vs. DC) and location of loads can be easily changed by adjusting the busbar components
- Saves installation time
- Available with or without individual alarm auxiliary switches
- Utilizes pluggable breakers for quick connection and ability to disconnect

Catalog Number Selection

Modular Bus System for Hydraulic Magnetic Circuit Breakers—PDMB

Modular Bus System—PDMB Model

PDMB 12 C 100

Type	Number of Positions	Auxiliary Alarm	Ratings
PDMB = Power distribution busbar module	**4** = 4 positions **8** = 8 positions **12** = 12 positions	**I** = Individual auxiliary alarm **C** = Common auxiliary alarm **N** = No auxiliary alarm	**100** = Busbar current rating

Product Selection

Modular Bus System—PDMB Model

Auxiliary Alarm	Busbar Current Rating	Number of Breaker Positions (Poles)	Catalog Number ①
Common	100A	4	**PDMB-4-C-100**
		8	**PDMB-8-C-100**
		12	**PDMB-12-C-100**
Individual	100A	4	**PDMB-4-1-100**
		8	**PDMB-8-1-100**
		12	**PDMB-12-1-100**
No auxiliary alarm	100A	4	**PDMB-4-N-100**
		8	**PDMB-8-N-100**
		12	**PDMB-12-N-100**

Note

① These are typical catalog numbers that could be built using the modular system.
Products are built-to-order according to specifications and can be provided with any number of positions.

Product Overview

General Purpose and Industrial Control Transformers Selection Guide

Description	General Purpose Transformers	Industrial Control Transformers
	Page V9-T6-6	**Page V9-T6-8**
General applications	Typically used to step-down voltage from a high voltage to a lower, safer voltage. Commonly installed in or on other electrical equipment, such as machinery, switchboards, and motor control centers. Also installed as loose equipment.	Typically used to step-down voltage to a level suitable to operate a variety of electrically controlled devices. Must be installed inside an enclosure, panel, or other structure to provide protection from the surroundings.
Maximum primary voltage rating	600 Vac	600 Vac
Frequency	60 Hz standard (50/60 Hz optional)	50/60 Hz
Enclosure rating	Type 3R raintight	Open
Insulation system	180°C (356°F)	105°C (221°F)/130°C (266°F)/180°C (356°F)
Temperature rise		
Standard	115°C (239°F)	55°C (131°F)/80°C (176°F)/120°C (248°F)
Optional	80°C (176°F)	—
Approvals	UL® 506, UL 1561, CSA® C22.2	UL 506, CSA C22.2
Ratings		
50 VA	37.5 kVA single-phase	50 to 5,000 VA
3 kVA	75 kVA three-phase	—

General Purpose Transformers

Features

- Totally enclosed non-ventilated Type 3R enclosure
- 180°C insulation system
- Suitable for indoor or outdoor applications
- UL listed and CSA certified

Catalog Number Selection

General Purpose Transformers

General Purpose

T S 20 N 11 S 05 A

Prefix Options
C = CSA labeled ventilated transformer
Marine Duty
QS = EPM marine (1-Ph encapsulated)
LY = EPTM Marine (3-Ph encapsulated)
RT = DS-3M marine (1-Ph ventilated)
MV = DT-3M marine (3-Ph ventilated)

Type		
S = EP (single-phase encapsulated)		
Y = EPT (three-phase encapsulated)		
T = DS-3 (single-phase ventilated)		
V = DT-3 (three-phase ventilated)		
P = Mini–power center		
Z = Class 1 Division 2 Groups C and D		
X = Harmonic mitigating (three-phase ventilated)		
Nonlinear (three-phase ventilated)		**Nonlinear** (single-phase ventilated)
H = KT-4	**J** = KT-30	**HT** = KT-4
B = KT-9	**A** = KT-40	**NT** = KT-13
N = KT-13	**K** = KT-50	**GT** = KT-20
G = KT-20		

Primary Voltage			
13 = 110 x 220	**23** = 230	**43** = 416	**42** = 2400
12 = 120	**24** = 240	**44** = 440	**46** = 4160
10 = 120 x 240	**20** = 240 x 480	**45** = 450	**49** = 4800
29 = 208	**27** = 277	**48** = 480	**40** = Export model
72 = 200	**38** = 380	**57** = 575	**54** = 120/208/240/277
25 = 220	**39** = 400	**60** = 600	

Taps
D = 2 at +2.5%, 2 at –2.5%
E = 1 at +5%, 1 at –5%
F = 1 at –10%
G = 2 at –5%
J = 4 at –2.5%
K = 1 at –10% x 2 at –5%
L = 2 at –5% x 4 at –2.5%
M = 2 at +2.5%, 4 at –2.5%
N = None
R = 1 at +5%, 2 at –5%
P = 1 at +5%, 2 at –5% x 2 at +2.5%, 4 at –2.5%
T = 1 at +4.2%, 1 at –4.2%
U = 1 at +2.5%, 3 at –2.5%
W = 1 at +3.5%, 1 at –3.5%
X = 2 at +3.1%, 2 at –3.1%

kVA		
81 = 0.05	**07** = 7.5	**12** = 112.5
85 = 0.075	**09** = 9	**49** = 150
82 = 0.10	**10** = 10	**67** = 167
83 = 0.15	**15** = 15	**22** = 225
26 = 0.25	**21** = 22.5	**52** = 250
51 = 0.50	**25** = 25	**33** = 300
76 = 0.75	**30** = 30	**54** = 333
01 = 1	**37** = 37.5	**55** = 500
16 = 1.5	**45** = 45	**60** = 600
02 = 2	**50** = 50	**77** = 750
03 = 3	**75** = 75	**11** = 1000
05 = 5	**99** = 100	**14** = 1500
06 = 6		

Suffix Options			
A...Y	= ①	**SR**	= ⑩
CU	= ②	**CE**	= ⑪
SS	= ③	**T**	= ⑫
ZZ	= ④	**EE**	= ⑬
NV	= ⑤	**NON**	= ⑭
X	= ⑥	**POS**	= ⑮
LS_ _	= ⑦	**NEG**	= ⑯
AF	= ⑧	**THR**	= ⑰
TR	= ⑨		

Phase		
A = Buck and boost	**F** = 115°C rise	**S** = Single
B = 80°C rise	**E** = Electrostatic shield	**T** = Three

Secondary Voltage			
04 = 12/24	**28** = 208Y/120	**21** = 240/480	**48** = 480 delta
06 = 16/32	**29** = 208	**27** = 277	**60** = 600 delta
08 = 24/48	**25** = 220 delta	**38** = 380 delta	**61** = 600Y/346
14 = 110/220	**31** = 220Y/127	**37** = 380Y/220	**42** = 2400
12 = 120	**26** = 220 delta/110 midtap	**34** = 400Y/231	**41** = 4160Y/2400
10 = 120 x 240	**22** = 240 delta/120 midtap	**51** = 416Y/240	**46** = 4160
11 = 120/240	**64** = 240Y/139	**35** = 440Y/254	**49** = 4800
54 = 127/254	**24** = 240 delta	**62** = 460Y/266	
19 = 190Y/110	**20** = 240 x 480	**47** = 480Y/277	

Notes

① Model number is not used on newly designed/redesigned transformers.
② Copper windings.
③ Stainless steel enclosure (uses 316 stainless steel, does not imply a NEMA 4X rating).
④ Open type core and coil assembly.
⑤ Totally enclosed non-ventilated DS-3 or DT-3.
⑥ 50/60 Hz.
⑦ Low sound design. LS47 indicates low sound equal to 47 dB; LS42 indicates 42 dB.
⑧ Fungus proof.
⑨ Certified test report of standard production tests for the specific serial number to be shipped.
⑩ Certified sound level report.
⑪ CE Marked.
⑫ Thermal indicator embedded in center coil. Suffix "TT" indicates two thermal indicators of different temperature ratings, are installed.
⑬ NEMA TP-1 Energy Star energy efficient.
⑭ 0° phase-shift (used with HMTs).
⑮ +15° phase-shift (used with HMTs).
⑯ –15° phase-shift (used with HMTs).
⑰ –30° phase-shift (used with HMTs).

Product Selection

Single-Phase Encapsulated, 240 x 480—120/240, 115°C Rise

kVA	Catalog Number	Outline #	Wiring Diagram
0.05	**S20N11S81N**	52	3A
0.075	**S20N11S85N**	53	3A
0.1	**S20N11S82N**	54	3A
0.15	**S20N11S83N**	55	3A
0.25	**S20N11S26N**	56	3A
0.5	**S20N11S51N**	57	3A
0.75	**S20N11S76N**	58A	3A
1	**S20N11S01N**	59A	3A
1.5	**S20N11S16N**	67	3A
2	**S20N11S02N**	68	3A
3	**S20N11S03N**	176	3A
5	**S20N11S05N**	177	3A
7.5	**S20N11S07N**	178	3A
10	**S20N11S10N**	179	3A
15	**S20N11S15N**	180	3A
25	**S20L11S25N**	182	23A
37.5	**S20L11S37**	300A	248A

Single-Phase Transformer Sizing Chart

Line current = (kVA x 1000)/line voltage.

	Rated Line Voltage								
kVA	120	208	240	277	480	600	2400	4160	4800
0.5	4.2	2.4	2.1	1.8	1	0.8	0.2	0.1	0.1
1	8.3	4.8	4.2	3.6	2.1	1.7	0.4	0.2	0.2
1.5	12.5	7.2	6.3	5.4	3.1	2.5	0.6	0.4	0.3
2	16.7	9.6	8.3	7.2	4.2	3.3	0.8	0.5	0.4
3	25	14.4	12.5	10.8	6.3	5	1.3	0.7	0.6
5	41.7	24	20.8	18.1	10.4	8.3	2.1	1.2	1
7.5	62.5	36.1	31.3	27.1	15.6	12.5	3.1	1.8	1.6
10	83.3	48.1	41.7	36.1	20.8	16.7	4.2	2.4	2.1
15	125	72.1	62.5	54.2	31.3	25	6.3	3.6	3.1
25	208.3	120.2	104.2	90.3	52.1	41.7	10.4	6	5.2
37.5	312.5	180.3	156.3	135.4	78.1	62.5	15.6	9	7.8
50	416.7	240.4	208.3	180.5	104.2	83.3	20.8	12	10.4
75	625	360.6	312.5	270.8	156.3	125	31.3	18	15.6
100	833.3	480.8	416.7	361	208.3	166.7	41.7	24	20.8
167	1391.7	802.9	695.8	602.9	347.9	278.3	69.6	40.1	34.8
250	2083.3	1201.9	1041.7	902.5	520.8	416.7	104.2	60.1	52.1
333	2775	1601	1387.5	1202.2	693.8	555	138.8	80	69.4

Industrial Control Transformers

Features

- Epoxy encapsulated
- 130°C insulation system
- 50/60 Hz operation
- UL listed and CSA certified

Catalog Number Selection

Industrial Control Transformers

Industrial Control

CE 0250 E 2F CE

Type
C = Industrial control transformer
CE = CE Marked control transformer

VA Rating	
0025 = 25	**1000** = 1000
0050 = 50	**1500** = 1500
0075 = 75	**2000** = 2000
0100 = 100	**3000** = 3000
0150 = 150	**5000** = 5000
0200 = 200	**Type AP Only:**
0250 = 250	**0003** = 3000
0300 = 300	**0005** = 5000
0350 = 350	**0007** = 7500
0500 = 500	**0010** = 10000
0750 = 750	**0015** = 15000

Transformer Design
E = MTE
K = MTK
P = AP

Voltage		Primary	Secondary
AC	=	380 x 415	24
AG	=	208/240/277/380/480	24
1B	=	120 x 240	24
2A	=	240 x 480, 230 x 460, 220 x 440	120/115/110
2B	=	240 x 480	24
2C	=	240 x 480	120 x 240
2F	=	230/460	115
2G	=	230/460	115/230
2U	=	220/380/440/550, 230/400/460/575, 240/416/480/600	23/110, 24/115, 25/120
2V	=	208/230/400/460/575	24/115/230
2W	=	208/230/400/460/575	115/230
3A	=	208/277	120
3B	=	115	24
3C	=	230/460/575	115/95
3D	=	208/380/416	115/95
4B	=	208/230/460/575	24
4C	=	550/575/600	110/115/120
4D	=	380/400/415	110 x 220
4E	=	208/230/460/575	115
4H	=	380/400/415	22/23/24
4W	=	550/575/600	22/23/24
5E	=	200/220/440, 208/230/460, 240/480	23/110, 24/115, 25/120
6U	=	240/416/480/600, 230/400/460/575, 220/380/440/550, 208/500	99/120/130, 95/115/125, 91/110/120, 85/100/110
7G ①	=	240 x 480	120/240

Modifications
Type MTE/MTK
CE = CE marked control transformer
FB = Factory-mounted two-pole primary fuse block for rejection type fuses
FBN = Factory-mounted two-pole primary fuse block for non-rejection type fuses
Q = Secondary fuse clips for 1/4 x 1-1/4 in fuses
XX = No secondary fuse clips
RT = Ring type terminals for connection to fuse block
ES = Electrostatic shield
FS = Factory-mounted finger-safe terminal shields
Type AP
B = Bottom mounted
S = Side/wall mounted
ES = Electrostatic shield
CU = Copper windings
Type MTA/MTC
FB = Factory-mounted three-pole fuse block (two-pole primary rejection type with single-pole secondary non-rejection type)
ES = Electrostatic shield
L = Lead terminations

Note

① Type AP only.

Product Selection

Primary 240 x 480, 230 x 460, 220 x 440— Secondary 120/115/110

VA	Catalog Number
25	**C0025E2A**
50	**C0050E2A**
75	**C0075E2A**
100	**C0100E2A**
150	**C0150E2A**
200	**C0200E2A**
250	**C0250E2A**
300	**C0300E2A**
350	**C0350E2A**
500	**C0500E2A**
750	**C0750E2A**
1000	**C1000E2A**
1500	**C1500E2A**

Primary 240 x 480— Secondary 24

VA	Catalog Number
50	**C0050E2B**
75	**C0075E2B**
100	**C0100E2B**
150	**C0150E2B**
200	**C0200E2B**
250	**C0250E2B**
300	**C0300E2B**
350	**C0350E2B**
500	**C0500E2B**
750	**C0750E2B**

Primary 120 x 240— Secondary 24

VA	Catalog Number
50	**C0050E1B**
75	**C0075E1B**
100	**C0100E1B**
150	**C0150E1B**
200	**C0200E1B**
250	**C0250E1B**
300	**C0300E1B**
350	**C0350E1B**
500	**C0500E1B**

Product Overview

Power Supplies Selection Guide

Description	PSG Power Supplies	ELC Power Supplies
	Page V9-T6-11	**Page V9-T6-12**
Technical Data		
Output voltage	24 Vdc	24 Vdc
Input voltage	85–264 Vac/120–375 Vdc or 320–575 Vac/450–800 Vdc	85–264 Vac
Mounting	DIN rail	DIN rail/panel
Outrush current (current boost/surge)	150% of nominal	110% of nominal
Class 1, Division 2	Yes	Yes
Semi 47 approved	Yes	—
Housing material	Metal	Plastic
Adjustable output voltage	22–28 Vdc	—
Redundancy allowed	Yes	—
Connection	Large screw terminals	Large screw terminals
Overload/short circuit protection	Yes	Yes

PSG Power Supplies

Features

- Universal input voltages:
  - 85–264 Vac for single-phase units, 320–575 Vac for three-phase units
  - Rugged aluminum housing stands up to harsh environments
- Compact size, with common depth and height across all models allows for common panel depths and family consistency
- Heavy-duty screw terminals with finger-safe protective cover allow use of ring-lug terminals
- Class 1, Division 2 hazardous location rated

Catalog Number Selection

PSG Power Supplies

PSG

PSG 120 E

Model	Wattage Rating	Nominal Input Current
PSG = General purpose power supply	**60** = 60 Watts **120** = 120 Watts **240** = 240 Watts **480** = 480 Watts	**E** = 85–264 Vac single-phase **F** = 320–575 Vac three-phase

Product Selection

Semi F47 Certified for Voltage Sag Immunity PSG Power Supply

Description	Catalog Number
Single-phase 85–264 Vac input, 24 Vdc/2.5A output	**PSG60E**
Three-phase 320–575 Vac input, 24 Vdc/2.5A output	**PSG60F**
Single-phase 85–264 Vac input, 24 Vdc/5A output	**PSG120E**
Three-phase 320–575 Vac input, 24 Vdc/5A output	**PSG120F**
Single-phase 85–264 Vac input, 24 Vdc/10A output	**PSG240E**
Three-phase 320–575 Vac input, 24 Vdc/10A output	**PSG240F**
Single-phase 85–264 Vac input, 24 Vdc/20A output	**PSG480E**
Three-phase 320–575 Vac input, 24 Vdc/20A output	**PSG480F**

ELC Power Supplies

Features

- Compact and low-cost source for 24 Vdc power
- Universal input voltage: 85–264 Vac
- Compact size, with common depth and height across models allows for common panel depths and family consistency
- Power On indication LED
- Integrated mounting hardware for panel mounting or DIN rail mounting

Product Selection

ELC Power Supplies

ELC

Description	Catalog Number
24W, 1A power supply	**ELC-PS01**
48W, 2A power supply	**ELC-PS02**

Product Overview

Power Distribution Blocks Selection Guide

Description	CHDB Series (Open Style)	CHDB Series (Enclosed Style)	CH160 Series
	Page V9-T6-14	**Page V9-T6-14**	**Page V9-T6-15**
UL listing	UL 1953 for feeder circuits	UL 1953 for feeder circuits	UL 1059 for branch circuits
Protection degree	N/A—covers available	IP20 finger-safe	N/A—covers available
Number of poles	3	1	1, 2 or 3
Maximum current	310A	570A	840A
High SCCR	Yes	Yes	No

CHDB Series—Power Distribution Blocks, Enclosed and Open

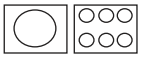
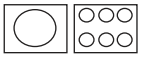
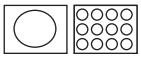
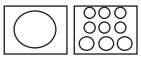
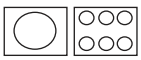
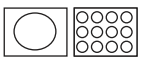
Features

- High short-circuit current rating (SCCR) applications up to 200,000 amperes
- 600 Vac or Vdc (UL 1953), 690 Vac or Vdc
- DIN rail or panel mount (CHDB330F is panel mount only)
- Captive termination screws prevent lost screws
- Single-pole, gang mountable for multi-pole applications
- UL listed 1953, guide QPQS, file E256146
- CSA certified, class 6228-01, file 15364 (enclosed style)
- CE component IEC 60947-7-1 (enclosed style)
- IEC 60529, IP20 (finger-safe) under specific wiring conditions (enclosed style)

Product Selection

CHDB Series—Power Distribution Blocks, Enclosed and Open

CHDB Series

Line Connection	Load Connection	Configuration	Amperes	Style	Poles	Catalog Number
2/0–#8 AWG	(4) #4–#14 AWG		175	Open	3	**CHDB2203**
2/0–#8 AWG	(6) #4–#14 AWG		175	Open	3	**CHDB3213**
300 kcmil–#4 AWG	(6) #4–#12 AWG		310	Open	3	**CHDB3233**
300 kcmil–#4 AWG	(12) #4–#14 AWG		310	Open	3	**CHDB3703**
300 kcmil–#4 AWG	(6) #2–#12 AWG		310	Open	3	**CHDB3713**
	(3) 1/0–#12 AWG		310	Open	3	**CHDB3713**
2/0–#8 AWG	2/0–#8 AWG		175	Enclosed ①	1	**CHDB204F**
500 kcmil–#6 AWG	(6) #2–#14 AWG		380	Enclosed ①	1	**CHDB330F**
300 kcmil–#4 AWG	(12) #4–#14 AWG		570	Enclosed ①	1	**CHDB377F**

Note

① Finger-safe.

CH160 Series—Power Terminal Blocks

Features

- Ratings to 840A, 600V
- Molded material, black; UL rated 94V-0 thermoplastic
- Operating temperature: 302°F (150°C)
- Optional cover
- UL recognized
- CSA certified

Product Selection

CH160 Series—Power Terminal Blocks

CH160 Series

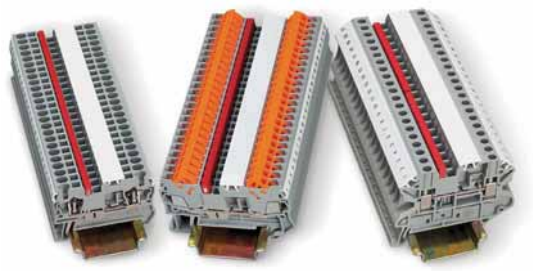
Line Connection	Load Connection	Connector Material and Ampacity	Catalog Number ①
CH162 Series			
#2–#14 Cu/#8 Al	#2–#14 Cu/#8 Al	Al 115A	**CH16200_**
1/0–#14 Cu	1/0–#14 Cu	Cu 150A	**CH16201_**
2/0–#8 Cu/Al	2/0–#8 Cu/Al	Al 175A	**CH16204_**
2/0–#14 Cu/#8 Al	(4) #4–#14 Cu/#8 Al	Al 175A	**CH16220_**
CH163 Series			
250 MCM-#6 Cu	250 MCM-#6 Cu	Cu 255A	**CH16301_**
350 MCM-#6 Cu/Al	350 MCM-#6 Cu/Al	Al 310A	**CH16303_**
500 MCM-#6 Cu/Al	500 MCM-#6 Cu/Al	Al 380A	**CH16306_**
2/0–#14 Cu/Al	(6) #4–#14 Cu/#8 Al	Al 175A	**CH16321_**
350 MCM-#6 Cu/Al	(6) #4–#14 Cu/#8 Al	Al 310A	**CH16323_**
(2) 2/0–#14 Cu/#8 Al	(6) #4–#14 Cu/#8 Al	Al 350A	**CH16325_**
500 MCM-#6 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 380A	**CH16330_**
350 MCM-#6 Cu/Al	(3) #2–#14 Cu/#8 Al	Al 310A	**CH16332_**
	(2) 1/0–#14 Cu/#8 Al	Al 310A	**CH16332_**
350 MCM-#6 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 310A	**CH16370_**
350 MCM-#6 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 310A	**CH16371_**
	(3) 1/0–#14 Cu/#8 Al	Al 310A	**CH16371_**
350 MCM-#6 Cu/Al	(21) #10–#14 Cu/#10 Al	Al 310A	**CH16372_**
350 MCM-#6 Cu/Al	(3) 1/0–#14 Cu/#8 Al	Al 310A	**CH16373_**
	(14) #10–#14 Cu/#8 Al	Al 310A	**CH16373_**
600 MCM-#2 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 420A	**CH16375_**
600 MCM-#2 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 420A	**CH16376_**
	(3) 1/0–#14 Cu/#8 Al	Al 420A	**CH16376_**
CH165 Series			
(2) 350 MCM-4 Cu/Al	(2) 350 MCM-4 Cu/Al	Al 620A	**CH16500_**
(2) 500 MCM-#6 Cu/Al	(2) 500 MCM-#6 Cu/Al	Al 760A	**CH16504_**
(2) 600 MCM-#2 Cu/Al	(4) 3/0–#8 Cu/Al	Al 840A	**CH16528_**
	(4) #4–#14 Cu/#8 Al	Al 840A	**CH16528_**
(2) 500 MCM-#6 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 760A	**CH16530_**

Note

① Incomplete catalog number—add code suffix **-1**, **-2**, **-3** for number of poles.
Example: For a 150A 1/0–#14 Cu to 1/0–#14 Cu three-pole PDB, order CH16201-**3**.

Product Overview

Terminal Blocks and Accessories Selection Guide



Description	*XB* Series IEC Terminal Blocks
	Page V9-T6-17
Available connections	Screw terminal, spring cage, insulation displacement (IDC)
Insulation material	Polyamide 6.6
Dielectric strength	600 kV/cm
Creep resistance	600 CTI
Flammability rating	UL 94 V0
Continuous operating temperature	–40° to 257°F (–40° to 125°C)
UL recognized	Yes
CE approved	Yes
ATEX approved	Yes
Jumpers/bridging	Flexible jumper system with dual channel configurations

***XB* Series IEC Terminal Blocks**

Features

- Maintenance-free connections
- Multi-conductor connections
- Flexible plug-in bridge system
- UL and cUL® recognized, CE approved
- LVD1 (Not all standards apply to all terminal blocks. Contact Eaton for details)
  - EN-60947-7-1; EN-60947-7-2; EN-60998-2-3; EN-60352-4/A1
- ATEX approval (EExe applications)

Product Selection

XB Series IEC Terminal Blocks

Screw Connection Single Level—Through-Feed Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 800/32/26-12 750/22/28/26-12 600/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 800/41/26-10 750/30/38/26-10 600/30/26-10 Catalog Number	8.2 mm 8 AWG/6 mm² 800/57/24-8 750/40/50/24-8 600/50/24-8 Catalog Number
Product Selection					
Screw connection single level—through-feed	Gray	—	**XBUT25**	**XBUT4**	**XBUT6**
	Blue	—	**XBUT25BU**	**XBUT4BU**	**XBUT6BU**
	Orange	—	—	**XBUT4OR**	—
	Yellow	—	—	**XBUT4YE**	—
	Red	—	—	**XBUT4RD**	—
	White	—	—	**XBUT4WH**	—
	Black	—	—	**XBUT4BK**	—
	Green	—	—	**XBUT4GN**	—
Accessories					
End cover	Gray	—	**XBACUT10**	**XBACUT10**	**XBACUT10**
Partition plate	Gray	—	**XBATUT10**	**XBATUT10**	**XBATUT10**
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS25**	**XBAFBS26**	**XBAFBS28**
		3	**XBAFBS35**	**XBAFBS36**	—
		5	**XBAFBS55**	**XBAFBS56**	—
		10	**XBAFBS105**	**XBAFBS106**	—
		50	**XBAFBS505**	**XBAFBS506**	—
Reducing bridge—for connection from XBUT10 to XBUT4 or XBUT25	Red	—	—	—	—
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②	—
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**	**XBATSPS8**
Blank marker strip (strip of 10)	White	—	**XBMZB5** ③	**XBMZB6** ③	**XBMZB8** ③
DIN Rail					
35 mm x 7.5 mm x 2 m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2 m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2 m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2 m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2158 U.
② For ordering information, see **Page V9-T6-40**.
③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Single Level—Through-Feed Terminal Blocks, continued

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 800/32/26-12 750/22/28/26-12 600/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 800/41/26-10 750/30/38/26-10 600/30/26-10 Catalog Number	8.2 mm 8 AWG/6 mm² 800/57/24-8 750/40/50/24-8 600/50/24-8 Catalog Number
Product Selection					
Screw connection single level—through-feed	Gray	—	**XBUT10**	**XBUT16**	**XBUT35**
	Blue	—	**XBUT10BU**	**XBUT16BU**	**XBUT35BU**
	Orange	—	**XBUT10OR**	—	—
	Yellow	—	**XBUT10YE**	—	—
	Red	—	**XBUT10RD**	—	—
	White	—	—	—	—
	Black	—	—	—	—
	Green	—	—	—	—
Accessories					
End cover	Gray	—	**XBACUT10**	**XBACUT16**	②
Partition plate	Gray	—	**XBATUT10**	—	—
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS210**	**XBAFBS212**	**XBAFBS216**
		3	—	—	—
		5	—	—	—
		10	—	—	—
		50	—	—	—
Reducing bridge—for connection from XBUT10 to XBUT4 or XBUT25	Red	—	**XBARBUT10**	—	—
Test adapter	—	—	—	—	—
2.3 mm dia. test plug	—	—	—	—	—
Modular test plug	—	—	—	—	—
Blank marker strip (strip of 10)	White	—	**XBMZB10** ③	**XBMZB12** ③	**XBMZB15** ③
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2158 U.

② XBUT35 has an enclosed design. The use of an end cover is not required.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Single Level—Ground Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	10.2 mm 12 AWG/2.5 mm² —/—/26-12 —/—/26-12 —/—/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/26-10 —/—/26-10 —/—/26-10 Catalog Number	8.2 mm 8 AWG/6 mm² —/—/24-8 —/—/24-8 —/—/24-8 Catalog Number
Product Selection					
Screw connection single level ground block	Green/ yellow	—	**XBUT25PE**	**XBUT4PE**	**XBUT6PE**
Accessories					
End cover	Gray	—	**XBACUT10**	**XBACUT10**	**XBACUT10**
Partition plate	Gray	—	**XBATUT10**	**XBATUT10**	**XBATUT10**
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS25**	**XBAFBS26**	**XBAFBS28**
		3	**XBAFBS35**	**XBAFBS36**	—
		5	**XBAFBS55**	**XBAFBS56**	—
		10	**XBAFBS105**	**XBAFBS106**	—
		50	**XBAFBS505**	**XBAFBS506**	—
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②	—
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**	**XBATSPS8**
Blank marker strip (strip of 10)	White	—	**XBMZB5** ③	**XBMZB6** ③	**XBMZB8** ③
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2158 U.

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Single Level—Ground Blocks, continued

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	10.2 mm 12 AWG/2.5 mm² —/—/26-12 —/—/26-12 —/—/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/26-10 —/—/26-10 —/—/26-10 Catalog Number	8.2 mm 8 AWG/6 mm² —/—/24-8 —/—/24-8 —/—/24-8 Catalog Number
Product Selection					
Screw connection single level ground block	Green/ yellow	—	**XBUT10PE**	**XBUT16PE**	**XBUT35PE**
Accessories					
End cover	Gray	—	**XBACUT10**	**XBACUT16**	②
Partition plate	—	—	**XBATUT10**	—	—
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS210**	**XBAFBS212**	**XBAFBS212**
		3	—	—	—
		5	—	—	—
		10	—	—	—
		50	—	—	—
Test adapter	—	—	—	—	—
2.3 mm dia. test plug	—	—	—	—	—
Modular test plug	—	—	—	—	—
Blank marker strip (strip of 10)	White	—	**XBMZB10** ③	**XBMZB12** ③	**XBMZB15** ③
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2158 U.

② XBUT35PE has an enclosed design. The use of an end cover is not required.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Multi-Conductor Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 500/28/26-12 150/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 500/39/26-10 150/30/26-10 Catalog Number
Product Selection				
Screw connection multi-conductor	Gray	—	**XBUT25D12**	**XBUT4D12**
		—	**XBUT25D22**	**XBUT4D22**
	Blue	—	**XBUT25D12BU**	**XBUT4D12BU**
		—	**XBUT25D22BU**	**XBUT4D22BU**
Accessories				
End cover	Gray	—	**XBACUT4D12**	**XBACUT4D12**
		—	**XBACUT4D22**	**XBACUT4D22**
End cover segment	Gray	—	**XBASUT4**	**XBASUT4**
Partition plate			**XBATUTD12**	**XBATUTD12**
			XBATUTD22	**XBATUTD22**
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS25**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ①	**XBATSMPS-_** ①
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**
Blank marker strip (strip of 10)	White	—	**XBMZB5** ②	**XBMZB6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**ZBAES35C**	**ZBAES35C**
Three-screw mounted	—	—	**ZBAES35T**	**ZBAES35T**
Snap-on	—	—	**ZBAES35N**	**ZBAES35N**

Notes

① For ordering information, see **Page V9-T6-40**.

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Multi-Conductor Ground Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² —/—/26-12 —/—/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/26-10 —/—/26-10 Catalog Number
Product Selection				
Screw connection multi-conductor ground block	Green/ yellow	—	**XBUT25D12PE**	**XBUT4D12PE**
		—	**XBUT25D22PE**	**XBUT4D22PE**
Accessories				
End cover	Gray	—	**XBACUT4D12**	**XBACUT4D12**
		—	**XBACUT4D22**	**XBACUT4D22**
End cover segment	Gray	—	**XBASUT4**	**XBASUT4**
Partition plate	—	—	**XBATUTD12**	**XBATUTD12**
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS25**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ①	**XBATSMPS-_** ①
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**
Blank marker strip (strip of 10)	White	—	**XBMZB5** ②	**XBMZB6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① For ordering information, see **Page V9-T6-40**.

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Double Level Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	6.2 mm 10 AWG/4 mm² 800/36/26-10 300/30/26-10 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/26-10 —/—/26-10 Catalog Number
Product Selection				
Screw connection double level	Gray	—	**XBUTT4**	**—**
	Blue	—	**XBUTT4BU**	**—**
	Red	—	**XBUTT4RD**	**—**
Screw connection double level—terminal block with potential distribution between the levels	Gray	—	**XBUTT4PV**	**—**
Screw connection double level—ground block	Green/ yellow	—	**—**	**XBUTT4PE**
Accessories				
End cover	Gray	—	**XBACUTT4**	**XBACUTT4**
Spacer plate	Gray	—	**XBDPUTT4**	**XBDPUTT4**
Partition plate	—	—	**XBATUTT4**	**XBATUTT4**
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS26**	**XBAFBS26**
		3	**XBAFBS36**	**XBAFBS36**
		5	**XBAFBS56**	**XBAFBS56**
		10	**XBAFBS106**	**XBAFBS106**
		50	**XBAFBS506**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ①	**XBATSMPS-_** ①
Modular test plug	—	—	**XBATSPS6**	**XBATSPS6**
Blank marker strip (strip of 10)	White	—	**XBMZB6** ②	**XBMZB6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① For ordering information, see **Page V9-T6-40**.

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Triple Level Sensor/Actuator Terminal Blocks

Terminal Width Maximum Wire Size Connection Data in V/A/AWG IEC 60 947-7-1 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	6.2 mm 14 AWG/2.5 mm² 250/26/24-12 — 300/15/30-14 Catalog Number	6.2 mm 14 AWG/2.5 mm² — 250/30/24-12 300/15/30-14 Catalog Number
Product Selection				
Screw connection triple level	Gray blue	—	**XB3UKA25**	**XB3UKF25**
Screw connection triple level w/red LED, 15–30 Vdc, 2.5–7.5A	Gray	—	**XB3UKA25L24**	—
Screw connection with ground connection	Gray	—	**XB3UKA24PE**	**XB3UKF24PE**
Screw connection with ground connection and LED indicator	Gray	—	**XB3UKA24PEL24**	—
Accessories				
Insertion bridge	Blue	80	**XBAEB80DIKB**	**XBAEB80DIKB**
	Red	80	**XBAEB80DIKR**	**XBAEB80DIKR**
	Blue	10	**XBAEB10DIKB**	**XBAEB10DIKB**
	Red	10	**XBAEB10DIKR**	**XBAEB10DIKR**
Blank marker strip (strip of 10)	White	—	**XBMZB6** ①	**XBMZB6** ①
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Note

① For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Fuse Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-3 in V/A/AWG IEC 60 947-7-3 as Disconnected Terminal Block in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	6.2 mm 10 AWG/4 mm² ①/6.3/26-10 — 600/6.3/26-10 Catalog Number	8.2 mm 8 AWG/6 mm² ①/10/24-8 — 400/10/24-8 Catalog Number	12 mm 6 AWG/16 mm² ②/②/20-4 800/10/20-6 300/20/22-6 Catalog Number
Product Selection					
Fuse terminal block for 5 x 20 mm fuse	Black	—	**XBUT4FBE**	—	**XBUK10FBCE**
Fuse terminal block for 6.3 x 32 mm (1/4 x 1-1/4 in) fuse	Black	—	—	**XBUT6FBN**	**XBUK10FBCN**
Fuse terminal block w/LED 12–30V, 1–2.5 mA	Black	—	**XBUT4FBEL24**	**XBUT6FBNL24**	—
Fuse terminal block w/LED 30–60V, 0.8–2.0 mA	Black	—	**XBUT4FBEL60**	**XBUT6FBNL60**	—
Fuse terminal block w/LED 110–250V, 0.5–2.5 mA	Black	—	**XBUT4FBEL250**	**XBUT6FBNL250**	—
Fuse terminal block w/LED 15–30V, 1–2.5 mA, 5 x 20 mm	Black	—	—	—	**XBUK10FBCEL24**
Fuse terminal block w/LED 15–30V, 1–2.5 mA, 6.3 x 32 mm	Black	—	—	—	**XBUK10FBCNL24**
Fuse terminal block w/LED 110–250V, 0.5–1.1A, 5 x 20 mm	Black	—	—	—	**XBUK10FBCEL250**
Fuse terminal block w/LED 110–250V, 0.5–1.1A, 6.3 x 32 mm	Black	—	—	—	**XBUK10FBCNL250**
Accessories					
End cover	—	—	③	③	—
Plug-in bridge—for cross connections in the bridge shaft	Red	2	**XBAFBS26**	**XBAFBS28**	—
		3	**XBAFBS36**	**XBAFBS38**	—
		5	**XBAFBS56**	**XBAFBS58**	—
		10	**XBAFBS106**	**XBAFBS108**	—
		50	**XBAFBS506**	**XBAFBS508**	—
Fixed bridge	—	2	—	—	**XBAFBI212**
Screw heads with insulating collar	—	10	—	—	**XBAFBI1012**
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ④	**XBMZB6** ④	—
Blank marker strip external labeling (strip of 10)	White	—	**XBMZB6** ④	**XBMZB8** ④	—
Blank marker strip (strip of 10)	White	—	—	—	**XBMZB6** ④
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

Max. power dissipation at 23°C (based on DIN EN 60 947-7-3: 2003-7. When selecting cartridge fuse inserts, please ensure that the maximum power dissipation specified above is not exceeded. Details can be obtained from the fuse suppliers. Cartridge fuse inserts 5 x 20 mm based on DIN EN 60 947-7-3: 2003-7.

		Overload Protection		
Terminal Block	**U (V)**	**Individual**	**Interconnected**	**Imax. (A)**
XBUT4FBE	250	1.6W	1.6W	6.3

If the fuse is defective, the downstream circuit is not off load.

① As disconnect terminal block 400V, as fuse terminal block 250V.
② The current is determined by the fuse used, the voltage by the selected light indicator.
③ XBUT4FBE and XBUT6FBN have an enclosed design. The use of an end cover is not required.
④ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Single Level—Through-Feed Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 800/31/28-12 550/25/21/24-12 600/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 800/40/28-10 550/34/30/24-10 600/30/20-10 Catalog Number	8.2 mm 8 AWG/6 mm² 800/52/24-8 550/45/36/20-8 600/50/20-8 Catalog Number
Product Selection					
Spring cage single level—through-feed	Gray	—	**XBPT25**	**XBPT4**	**XBPT6**
	Blue	—	**XBPT25BU**	**XBPT4BU**	**XBPT6BU**
	White	—	**XBPT25WH**	—	—
	Red	—	**XBPT25RD**	—	—
	Black	—	**XBPT25BK**	—	—
Accessories					
End cover	Gray	—	**XBACPT25**	**XBACPT4**	**XBACPT6**
Partition plate	—	—	**XBATPT4**	**XBATPT4**	**XBATPT6**
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS25**	**XBAFBS26**	**XBAFBS28**
		3	**XBAFBS35**	**XBAFBS36**	—
		5	**XBAFBS55**	**XBAFBS56**	—
		10	**XBAFBS105**	**XBAFBS106**	—
		50	**XBAFBS505**	**XBAFBS506**	—
Reducing bridge	Red	—	—	—	—
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**	**XBATSPS8**
Blank marker strip external labeling	White	—	**XBMZBF5** ③	**XBMZBF6** ③	**XBMZBF8** ③
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ③	**XBMZB6** ③	**XBMZB8** ③
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPT25), KEMA 05ATEX2155 U (XBPT4), KEMA 05ATEX2155 U (XBPT6), KEMA 05ATEX2156 U (XBPT10).

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Single Level—Through-Feed Terminal Blocks, continued

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	10.2 mm 6 AWG/10 mm² 800/65/24-6 550/50/63/16-6 600/65/16-6 Catalog Number	12 mm 4 AWG/16 mm² 800/90/24-4 550/65/82/16-4 600/50/16-4 Catalog Number	16 mm 2 AWG/35 mm² 800/125/14-2 750/108/14-2 600/115/14-2 Catalog Number
Product Selection					
Spring cage single level—through-feed	Gray	—	**XBPT10**	**XBPT16**	**XBPT35**
	Blue	—	**XBPT10BU**	**XBPT16BU**	**XBPT35BU**
	White	—	—	—	—
	Red	—	—	—	—
	Black	—	—	—	—
Accessories					
End cover	Gray	—	**XBACPT10**	**XBACPT16**	②
Partition plate	—	—	—	—	—
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS210**	**XBAFBS212**	**XBAFBS216**
		3	—	—	—
		5	—	—	—
		10	—	—	—
		50	—	—	—
Reducing bridge	Red	—	**XBARBST10**	**XBARBST16**	—
Test adapter	—	—	—	—	—
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ③	**XBATSMPS-_** ③	**XBATSMPS-_** ③
Modular test plug	—	—	—	—	—
Blank marker strip external labeling	White	—	**XBMZBF10** ④	**XBMZBF12** ④	**XBMZBF15** ④
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB10** ④	**XBMZB12** ④	**XBMZB15** ④
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPT25), KEMA 05ATEX2155 U (XBPT4), KEMA 05ATEX2155 U (XBPT6), KEMA 05ATEX2156 U (XBPT10).
② XBPT35 has an enclosed design. The use of an end cover is not required.
③ For ordering information, see **Page V9-T6-40**.
④ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Screw Connection Single Level—Ground Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² —/—/28-12 —/—/24-12 —/—/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/28-10 —/—/24-10 —/—/20-10 Catalog Number	8.2 mm 8 AWG/6 mm² —/—/24-8 —/—/20-8 —/—/20-8 Catalog Number
Product Selection					
Spring cage single level ground block	Green/ yellow	—	**XBPT25PE**	**XBPT4PE**	**XBPT6PE**
Accessories					
End cover	Gray	—	**XBACPT25**	**XBACPT4**	**XBACPT6**
Plug-in bridge—for cross connections in the terminal center	—	2	—	—	—
Blank marker strip external labeling	White	—	**XBMZBF5** ②	**XBMZBF6** ②	**XBMZBF8** ②
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ②	**XBMZB6** ②	**XBMZB8** ②
DIN-Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Screw Connection Single Level—Ground Blocks, continued

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	10.2 mm 6 AWG/10 mm² —/65/24-6 —/—/16-6 —/—/16-6 Catalog Number	12 mm 4 AWG/16 mm² —/90/24-4 —/—/16-4 —/—/16-4 Catalog Number	16 mm 2 AWG/35 mm² —/125/14-2 —/—/14-2 —/—/14-2 Catalog Number
Product Selection					
Spring cage single level ground block	Green/ yellow	—	**XBPT10PE**	**XBPT16PE**	**XBPT35PE**
Accessories					
End cover	Gray	—	**XBACPT10**	**XBACPT16**	③
Plug-in Bridge — for cross connections in the terminal center	—	2	**XBAFBS210**	**XBAFBS212**	**XBAFBS216**
Blank marker strip external labeling	White	—	**XBMZBF10** ②	**XBMZBF12** ②	**XBMZBF15** ②
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB10** ②	**XBMZB12** ②	**XBMZB15** ②
DIN Rail					
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop					
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPT25PE), KEMA 05ATEX2155 U (XBPT4PE, XBPT6PE), KEMA 05ATEX2156 U (9XBPT10PE).

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

③ XBPT35PE has an enclosed design. The use of an end cover is not required.

Spring Cage Multi-Conductor Terminal Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 800/28/28-12 550/25/21/24-12 600/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 800/40/28-10 550/34/29/24-10 600/30/20-10 Catalog Number
Product Selection				
Spring cage multi-conductor	Gray	—	**XBPT25D12**	**XBPT4D12**
		—	**XBPT25D22**	**XBPT4D22**
	Blue	—	**XBPT25D12BU**	**XBPT4D12BU**
		—	**XBPT25D22BU**	**XBPT4D22BU**
Spring cage multi-conductor with interrupted busbar	Gray	—	**XBPT25D22U**	**XBPT4D22U**
Accessories				
End cover	Gray	—	**XBACPT25D12**	**XBACPT4D12**
	—	—	**XBACPT24D22**	**XBACPT4D22**
End cover segment	Gray	—	**XBASPT25**	**XBASPT4**
Partition plate			**XBATPTD12**	**XBATPTD12**
			XBATPTD22	**XBATPTD22**
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS25**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**
Blank marker strip external labeling	White	—	**XBMZBF5** ③	**XBMZBF6** ③
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ③	**XBMZB6** ③
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPT25D12, XBPT25D22), KEMA 05ATEX2155 U (XBPT4D12, XBPT4D22).

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Multi-Conductor Ground Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-2 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² —/—/28-12 —/—/24-12 —/—/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² —/—/28-10 —/—/24-10 —/—/20-10 Catalog Number
Product Selection				
Spring cage multi-conductor ground block	Green/ yellow	—	**XBPT25D12PE**	**XBPT4D12PE**
			XBPT25D22PE	**XBPT4D22PE**
Accessories				
End cover	Gray	—	**XBACPT25D12**	**XBACPT4D12**
			XBACPT25D22	**XBACPT4D22**
End cover segment	Gray	—	**XBASPT25**	**XBASPT4**
Blank marker strip external labeling	White	—	**XBMZBF5** ②	**XBMZBF6** ②
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ②	**XBMZB6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPT25D12, XBPT25D22), KEMA 05ATEX2155 U (XBPT4D12, XBPT4D22).

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Double Level Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 500/26/28-12 420/23/19/24-12 600/20/26-12 Catalog Number	6.2 mm 10 AWG/4 mm² 500/32/28-10 420/32/27/24-10 300/30/20-10 Catalog Number
Product Selection				
Spring cage double level block	Gray	—	**XBPTT25**	**XBPTT4**
	Blue	—	**XBPTT25BU**	**XBPTT4BU**
Spring cage double level ground block	Green/ yellow	—	**XBPTT25PE**	**XBPTT4PE**
Spring cage double level—terminal block with potential distribution between the levels	Gray	—	**XBPTT25PV**	**XBPTT4PV**
Accessories				
End cover	Gray	—	**XBACPTT25**	**XBACPTT4**
Partition plate	—	—	**XBATPTT4**	**XBATPTT4**
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS25**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
Modular test plug	—	—	**XBATSPS5**	**XBATSPS6**
Blank marker strip (strip of 10)	White	—	**XBMZBF5** ②	**XBMZBF6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2154 U (XBPTT25, XBPTT25PE), KEMA 05ATEX2155 U (XBPTT4, XBPTT4PE).

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Triple Level Blocks

Terminal Width Maximum Wire Size IEC 60 947-7-1 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 12 AWG/2.5 mm² 500/28/28-12 600/20/26-12 Catalog Number
Product Selection			
Spring cage triple level block	Gray	—	**XBPTK25**
Spring cage triple level—terminal block with potential distribution between the levels	Gray	—	**XBPTK25PV**
Accessories			
End cover	Gray	—	**XBACPT25K**
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS25**
		3	**XBAFBS35**
		5	**XBAFBS55**
		10	**XBAFBS105**
		50	**XBAFBS505**
Test adapter	—	—	**XBATSPAI4**
Modular test plug	—	—	**XBATSPS5**
Blank marker strip (strip of 10)	White	—	**XBMZBF5** ①
DIN Rail			
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**
End-Stop			
One-screw mounted	—	—	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**
Snap-on	—	—	**XBAES35N**

Note

① For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Spring Cage Fuse Terminal Block

Terminal Width Maximum Wire Size IEC 60 947-7-3 with Fuse in V/A/AWG IEC 60 947-7-3 as Disconnect Terminal Block in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	6.2 mm 10 AWG/4 mm² ①/①/28-10 250/6.3/28-10 300/6.3/24-10 Catalog Number	8.2 mm 10 AWG/4 mm² 400/10/28-10 400/10/28-10 300/10/24-10 Catalog Number
Product Selection				
Fuse terminal block for 5 x 20 mm fuse	Black	—	**XBPT4FBE**	—
Fuse terminal block w/LED 15–30V, 3.5–8.1A	Black	—	**XBPT4FBEL24**	—
Fuse terminal block w/LED 30–60V, 0.8–2.0A	Black	—	**XBPT4FBEL60**	—
Fuse terminal block w/LED 110–250V, 0.5–1.0A	Black	—	**XBPT4FBEL250**	—
Fuse terminal block for 6.3 x 32 mm (1/4 x 1-1/4 in) fuse	Black	—	—	**XBPT4FBN**
Fuse terminal block w/LED 12–30V, 1.0–2.5 mA	Black	—	—	**XBPT4FBNL24**
Fuse terminal block w/LED 110–250V, 0.5–2.5 mA	Black	—	—	**XBPT4FBNL250**
Accessories				
Partition plate	—	—	**XBATPT4**	**XBATQTD12**
Plug-in bridge—for cross connections in the terminal center	Red	2	**XBAFBS26**	**XBAFBS28**
		3	**XBAFBS36**	—
		5	**XBAFBS56**	—
		10	**XBAFBS106**	—
Blank marker strip external labeling	White	—	**XBMZBF6** ②	**XBMZBF8** ②
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ②	**XBMZB6** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

The cartridge fuse holders should be selected according to the maximum power dissipation (self-heating) of the cartridge fuse inserts. The thermal conditions in closed fuse holes should be checked according to the application and installation. Higher ambient temperatures are an additional strain on fuse inserts. In applications of this kind, the shift of the rated current should be taken into consideration accordingly. Max. power dissipation at 23°C (in acc. with IEC 60 947-7-3). When selecting cartridge fuse inserts, please ensure that the maximum power dissipation specified at right is not exceeded. Details can be obtained from the fuse suppliers. Cartridge fuse inserts 5 x 20 and 6.3 x 32 mm in acc. with IEC 60 947-7-3.

Terminal Block	U (V)	Individual	Interconnected
Overload Protection			
XBPT4FBN	400	1.6W	1.6W
XBPT4FBE	250	1.6W	1.6W
Short Circuit Protection Only			
XBPT4FBN	400	4W	2.5W
XBPT4FBE	250	4W	2.5W

① The current is determined by the fuse used, the voltage by the selected light indicator See table above.

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Insulation Displacement Connection—Single Level Terminal Blocks

Terminal Width Maximum Wire Size Connection Data ① in V/A/AWG EN 50 019 in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 16 AWG/1.5 mm² 800/17.5/24-16 550/16/24-16 600/10/24-16 Catalog Number	5.2 mm 16 AWG/1.5 mm² —/—/24-16 —/—/24-16 —/—/24-16 Catalog Number	6.2 mm 14 AWG/2.5 mm² 800/24/20-14 — 600/15/20-14 Catalog Number	6.2 mm 14 AWG/2.5 mm² —/—/20-14 — —/—/20-14 Catalog Number
Product Selection						
IDC terminal block—single level	Gray	—	**XBQT15**	—	**XBQT25**	—
	Blue	—	**XBQT15BU**	—	**XBQT25BU**	—
IDC ground block—single level	Green/ yellow	—	—	**XBQT15PE**	—	**XBQT25PE**
Accessories						
End cover	Gray	—	**XBACQT15**	**XBACQT15**	**XBACQT25**	**XBACQT25**
Partition plate	—	—	**XBATQT25**	**XBATQT25**	**XBATQT25**	**XBATQT25**
Plug-in bridge	Red	2	**XBAFBS25**	**XBAFBS25**	**XBAFBS26**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS35**	**XBAFBS36**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS55**	**XBAFBS56**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS105**	**XBAFBS106**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS505**	**XBAFBS506**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**	**XBATSPS5**	**XBATSPS6**	**XBATSPS6**
Blank marker strip center and external marking	White	—	**XBMZBF5** ③	**XBMZBF5** ③	**XBMZBF6** ③	**XBMZBF6** ③
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ③	**XBMZB5** ③	**XBMZB6** ③	**XBMZB6** ③
DIN Rail						
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop						
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2157 U (XBQT15, XBQT15PE), KEMA 05ATEX2160 U (XBQT25, XBQT25PE).

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Insulation Displacement Connection—Multi-Conductor

Terminal Width Maximum Wire Size Connection Data in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 16 AWG/1.5 mm² 800/17.5/24-16 550/16/24-16 600/10/24-16 Catalog Number	5.2 mm 16 AWG/1.5 mm² —/—/24-16 —/—/24-16 —/—/24-16 Catalog Number	6.2 mm 14 AWG/2.5 mm² 800/24/20-14 — 600/15/20-14 Catalog Number	6.2 mm 14 AWG/2.5 mm² —/—/20-14 — —/—/20-14 Catalog Number
Product Selection						
IDC terminal block—multi-conductor	Gray	—	**XBQT15D12**	—	**XBQT25D12**	—
		—	**XBQT15D22**	—	**XBQT25D12BU**	—
	Blue	—	**XBQT15D12BU**	—	—	—
	—	—	**XBQT15D22BU**	—	—	—
IDC ground block—multi-conductor	Green/ yellow	—	—	**XBQT15D12PE**	—	**XBQT25D12PE**
			—	**XBQT15D22PE**	—	—
Accessories						
End cover	Gray	—	**XBACQT15D12**	**XBACQT15D12**	**XBACQT25D12**	**XBACQT25D12**
			XBACQT15D22	**XBACQT15D22**	—	—
End cover segment	Gray	—	**XBASQT15**	**XBASQT15**	**XBASQT25**	**XBASQT25**
Partition plate			**XBATQTD12**	**XBATQTD12**	**XBATQTD12**	**XBATQTD12**
			XBATQTD22	**XBATQTD22**	—	—
Plug-in bridge	Red	2	**XBAFBS25**	**XBAFBS25**	**XBAFBS26**	**XBAFBS26**
		3	**XBAFBS35**	**XBAFBS35**	**XBAFBS36**	**XBAFBS36**
		5	**XBAFBS55**	**XBAFBS55**	**XBAFBS56**	**XBAFBS56**
		10	**XBAFBS105**	**XBAFBS105**	**XBAFBS106**	**XBAFBS106**
		50	**XBAFBS505**	**XBAFBS505**	**XBAFBS506**	**XBAFBS506**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**	**XBATSPS5**	**XBATSPS6**	**XBATSPS6**
Blank marker strip center and external marking	White	—	**XBMZBF5** ③	**XBMZBF5** ③	**XBMZBF6** ③	**XBMZBF6** ③
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ③	**XBMZB5** ③	**XBMZB6** ③	**XBMZB6** ③
DIN Rail						
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**	**XBANS3515U**
End-Stop						
One-Screw Mounted	—	—	**XBAES35C**	**XBAES35C**	**XBAES35C**	**XBAES35C**
Three-Screw Mounted	—	—	**XBAES35T**	**XBAES35T**	**XBAES35T**	**XBAES35T**
Snap-On	—	—	**XBAES35N**	**XBAES35N**	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2157 U (XBQT15, XBQT15PE), KEMA 05ATEX2160 U (XBQT25, XBQT25PE).

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Insulation Displacement Connection—Double Level

Terminal Width Maximum Wire Size Connection Data in V/A/AWG EN 50 019 ① in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 16 AWG/1.5 mm² 800/17.5/24-16 420/15/24-16 600/10/24-16 Catalog Number	5.2 mm 16 AWG/1.5 mm² —/—/24-16 —/—/24-16 —/—/24-16 Catalog Number
Product Selection				
IDC terminal block—double level	Gray	—	**XBQTT15**	—
	Blue	—	**XBQTT15BU**	—
IDC ground block—double level	Green/ yellow	—	—	**XBQTT15PE**
Accessories				
End cover	Gray	—	**XBACQTT15**	**XBACQTT15**
Partition plate	—	—	**XBATQTT15**	**XBATQTT15**
Plug-in bridge	Red	2	**XBAFBS25**	**XBAFBS25**
		3	**XBAFBS35**	**XBAFBS35**
		5	**XBAFBS55**	**XBAFBS55**
		10	**XBAFBS105**	**XBAFBS105**
		20	**XBAFBS505**	**XBAFBS505**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**	**XBATSPS5**
Blank marker strip	White	—	**XBMZBF5** ③	**XBMZBF5** ③
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① EU type—examination certificate number: KEMA 05ATEX2157 U.

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Insulation Displacement Connection Fuse Terminal Blocks

Terminal Width Maximum Wire Size Connection Data in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	6.2 mm 14 AWG/2.5 mm² ①/6.3/20-14 300/15/20-14 Catalog Number
Product Selection			
IDC fuse terminal block	Black	—	**XBQT25FBE**
With LED 12–30V, 1–2.5 mA			**XBQT25FBEL24**
With LED 30–60V, 0.8–2.0 mA			**XBQT25FBEL60**
With LED 110–250, 0.5–2.5 mA			**XBQT25FBEL250**
Accessories			
End cover	Gray	—	**XBACQT25D12**
Partition plate	—	—	**XBATQTD12**
Plug-in bridge	Red	2	**XBAFBS26**
		3	**XBAFBS36**
		5	**XBAFBS56**
		10	**XBAFBS106**
Test adapter	—	—	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS5**
Blank marker strip center and external marking	White	—	**XBMZBF6** ③
Blank marker strip lever labeling	White	—	**XBMZB5** ③
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB6** ③
DIN Rail			
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**
End Stop			
One-screw mounted	—	—	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**
Snap-on	—	—	**XBAES35N**

Notes

① As disconnect terminal block, 400V; as fuse terminal block, 250V.

② For ordering information, see **Page V9-T6-40**.

③ For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Insulation Displacement Connection Disconnect and Component Terminal Blocks

Terminal Width Maximum Wire Size Connection Data in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	5.2 mm 16 AWG/1.5 mm² 400/16/24-16 600/10/24-16 Catalog Number	5.2 mm 16 AWG/1.5 mm² 400/16/24-16 600/10/24-16 Catalog Number
Product Selection				
IDC disconnect and component terminal block	Gray	—	**XBQT15MT**	**XBQT15TG**
Accessories				
End cover	Gray	—	**XBACQT15D12**	**XBACQT15D12**
End cover segment	Gray	—	**XBASQT15**	**XBASQT15**
Partition plate	—	—	**XBATQTD12**	**XBATQTD12**
Plug-in bridge	Red	2	**XBAFBS25**	**XBAFBS25**
		3	**XBAFBS35**	**XBAFBS35**
		5	**XBAFBS55**	**XBAFBS55**
		10	**XBAFBS105**	**XBAFBS105**
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ①	**XBATSMPS-_** ①
Modular test plug	—	—	**XBATSPS5**	**XBATSPS5**
Component plug	Gray	—	**—**	**XBPCO**
Fuse plug	Black	—	**—**	**XBPFU**
Fuse plug with light indicator for 12–30V	Black	—	**—**	**XBPFUL24**
Fuse plug with light indicator for 110–250V	Black	—	**—**	**XBPFUL250**
Blank marker strip center and external marking	White	—	**XBMZBF5** ②	**XBMZBF5** ②
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB5** ②	**XBMZB5** ②
DIN Rail				
35 mm x 7.5 mm x 2m (slotted)	—	—	**XBANS3575P**	**XBANS3575P**
35 mm x 7.5 mm x 2m (solid)	—	—	**XBANS3575U**	**XBANS3575U**
35 mm x 15 mm x 2m (slotted)	—	—	**XBANS3515P**	**XBANS3515P**
35 mm x 15 mm x 2m (solid)	—	—	**XBANS3515U**	**XBANS3515U**
End-Stop				
One-screw mounted	—	—	**XBAES35C**	**XBAES35C**
Three-screw mounted	—	—	**XBAES35T**	**XBAES35T**
Snap-on	—	—	**XBAES35N**	**XBAES35N**

Notes

① For ordering information, see **Page V9-T6-40**.

② For information on Printed Marking Tag Options, see **Page V9-T6-41**.

Miniature Circuit Breakers

Connection Data in Vac/Vdc Description	Color	Number of Positions	250/65 Catalog Number
Product Selection			
Thermal miniature circuit breaker			
Nominal current 0.1A	Black	—	**XBATCPT**
Nominal current 0.25A	Black	—	**XBATCPQ**
Nominal current 0.5A	Black	—	**XBATCPH**
Nominal current 1.0A	Black	—	**XBATCP1**
Nominal current 2.0A	Black	—	**XBATCP2**
Nominal current 3.0A	Black	—	**XBATCP3**
Nominal current 4.0A	Black	—	**XBATCP4**
Nominal current 6.0A	Black	—	**XBATCP6**
Nominal current 8.0A	Black	—	**XBATCP8**
Nominal current 10.0A	Black	—	**XBATCP10**
Accessories			
Blank marker strip	White	—	**XBMZBF5** ①

Flat-Type Fuse Terminal Blocks

Terminal Width Maximum Wire Size Connection Data in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	8.2 mm 8 AWG/6 mm² 250/—/24-8 300/30/26-8 Catalog Number	8.2 mm 8 AWG/6 mm² 250/—/24-8 300/30/26-8 Catalog Number
Product Selection				
Flat-type fuse terminal block	Black	—	**XBUK6FSI**	—
Flat-type fuse terminal block with …				
LED Red 12 Vdc, 2.0 mA	Black	—	—	**XBUK6FSIL12**
LED Red 24 Vdc, 2.0 mA	Black	—	—	**XBUK6FSIL24**
Accessories				
Blank marker strip (strip of 10)	White	—	**XBMZB8** ①	**XBMZB8** ①

Spring Cage Fuse Terminal Blocks

Terminal Width Maximum Wire Size Connection Data in V/A/AWG UL-cUL Ratings in V/A/AWG Description	Color	Number of Positions	8.2 mm 10 AWG/4 mm² 400/30/28-10 300/30/24-10 Catalog Number	8.2 mm 10 AWG/4 mm² 400/30/28-10 300/30/24-10 Catalog Number
Product Selection				
Spring cage fuse terminal block	Black	—	**XBPT4FSI**	—
Spring cage fuse terminal block with …				
LED red 12 Vdc, 2.0 mA	Black	—	—	**XBPT4FSIL12**
LED red 24 Vdc, 2.0 mA	Black	—	—	**XBPT4FSIL24**
Accessories				
Test adapter	—	—	**XBATSPAI4**	**XBATSPAI4**
2.3 mm dia. test plug	—	—	**XBATSMPS-_** ②	**XBATSMPS-_** ②
Modular test plug	—	—	**XBATSPS8**	**XBATSPS8**
Blank marker strip external marking	White	—	**XBMZBF8** ①	**XBMZBF8** ①
Blank marker strip center labeling (strip of 10)	White	—	**XBMZB8** ①	**XBMZB8** ①

Notes

① For information on Printed Marking Tag Options, see **Page V9-T6-41**.

② For ordering information, see **Page V9-T6-40**.

Accessories

End-Stop

End-Stops

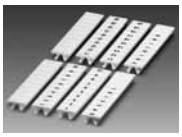
Description	Size	Std. Pack	Catalog Number
Snap-on end stops	35 mm	50	**XBAES35N**
Universal end stops	35 mm	50	**XBAES35T**
	35 mm	50	**XBAES35C**

DIN Rails

DIN Rails—35 x 7.5 mm x 2m

Size	Std. Pack	Catalog Number
25	Slotted	**XBANS3575P**

Marker Strips



Marker Strips (Strip of 10)

Terminal Width (mm)	Std. Pack	Catalog Number
5.2	10	**XBMZB5**
6.2	10	**XBMZB6**
8.2	10	**XBMZB8**
10.2	10	**XBMZB10**
12	10	**XBMZB12**
16	10	**XBMZB15** ①
Flat		
5.2	10	**XBMZBF5**
6.2	10	**XBMZBF6**
8.2	10	**XBMZBF8**
10.2	10	**XBMZBF10**
12	10	**XBMZBF12**
16	10	**XBMZBF15**

Blank Marker Sheets

Flat Marker Sheets

Marker Sheets

Terminal Width (mm)	Color	Std. Pack	Catalog Number
Marker Sheets (10 rows of 12)			
5.2	White	50	**XBMPZB5**
5.2	Blue	50	**XBMPZB5BU**
5.2	Red	50	**XBMPZB5RD**
5.2	Yellow	50	**XBMPZB5YE**
5.2	Green	50	**XBMPZB5GN**
Marker Sheets (10 rows of 10)			
6.2	White	50	**XBMPZB6**
6.2	Blue	50	**XBMPZB6BU**
6.2	Red	50	**XBMPZB6RD**
6.2	Yellow	50	**XBMPZB6YE**
6.2	Green	50	**XBMPZB6GN**
Flat Marker Sheets (10 rows of 10)			
5.2	White	10	**XBMPZBF5**
5.2	Orange	10	**XBMPZBF5OG**
6.2	White	10	**XBMPZBF6**
6.2	Orange	10	**XBMPZBF6OG**
8.2	White	10	**XBMPZBF8**

Test Plugs

Test Plugs

Color	Std. Pack	Catalog Number
2.3 mm		
—	10	**XBATSMPSMT**
Blue	10	**XBATSMPSIHBU**
White	10	**XBATSMPSIHWH**
Red	10	**XBATSMPSIHRD**
Black	10	**XBATSMPSIHBK**
4 mm		
—	10	**XBATSPSMT**
Blue	10	**XBATSPSIHBU**
White	10	**XBATSPSIHWH**
Red	10	**XBATSPSIHRD**
Black	10	**XBATSPSIHBK**

Note

① All markers are strips of 10, except XBMZB15 which is a strip of 5.

Printed Marking Tags

Terminal Block Marking Tag

Horizontal Printed Marking Tag

Marking Tags for 5.2 mm Wide Terminal Blocks

Description		Catalog Number
ZB5 tags vertically numbered	1–10 ①	**XBMZB5V/1**
	11–20	**XBMZB5V/11**
	21–30	**XBMZB5V/21**
	31–40	**XBMZB5V/31**
	41–50	**XBMZB5V/41**
	51–60	**XBMZB5V/51**
	61–70	**XBMZB5V/61**
	71–80	**XBMZB5V/71**
	81–90	**XBMZB5V/81**
	91–100	**XBMZB5V/91**
ZBF5 tags vertically numbered	1–10 ①	**XBMZBF5V/1**
	11–20	**XBMZBF5V/11**
	21–30	**XBMZBF5V/21**
	31–40	**XBMZBF5V/31**
	41–50	**XBMZBF5V/41**
	51–60	**XBMZBF5V/51**
	61–70	**XBMZBF5V/61**
	71–80	**XBMZBF5V/71**
	81–90	**XBMZBF5V/81**
	91–100	**XBMZBF5V/91**

Marking Tags for 6.2 mm Wide Terminal Blocks

Description		Catalog Number
ZB6 tags vertically numbered	1–10 ①	**XBMZB6V/1**
	11–20	**XBMZB6V/11**
	21–30	**XBMZB6V/21**
	31–40	**XBMZB6V/31**
	41–50	**XBMZB6V/41**
	51–60	**XBMZB6V/51**
	61–70	**XBMZB6V/61**
	71–80	**XBMZB6V/71**
	81–90	**XBMZB6V/81**
	91–100	**XBMZB6V/91**
ZBF6 tags vertically numbered	1–10 ①	**XBMZBF6V/1**
	11–20	**XBMZBF6V/11**
	21–30	**XBMZBF6V/21**
	31–40	**XBMZBF6V/31**
	41–50	**XBMZBF6V/41**
	51–60	**XBMZBF6V/51**
	61–70	**XBMZBF6V/61**
	71–80	**XBMZBF6V/71**
	81–90	**XBMZBF6V/81**
	91–100	**XBMZBF6V/91**

Notes

See **Page V9-T6-42** for marking tags for 8.2–16 mm wide terminal blocks.

① For text printed horizontally, change "V" in catalog number to "H."

Terminal Block Marking Tag

Horizontal Printed Marking Tag

Marking Tags for 8.2 mm Wide Terminal Blocks

Description		Catalog Number
ZB8 tags vertically numbered	1–10 ①	**XBMZB8V/1**
	11–20	**XBMZB8V/11**
	21–30	**XBMZB8V/21**
	31–40	**XBMZB8V/31**
	41–50	**XBMZB8V/41**
	51–60	**XBMZB8V/51**
	61–70	**XBMZB8V/61**
	71–80	**XBMZB8V/71**
	81–90	**XBMZB8V/81**
	91–100	**XBMZB8V/91**
ZBF8 tags vertically numbered	1–10 ①	**XBMZBF8V/1**
	11–20	**XBMZBF8V/11**
	21–30	**XBMZBF8V/21**
	31–40	**XBMZBF8V/31**
	41–50	**XBMZBF8V/41**
	51–60	**XBMZBF8V/51**
	61–70	**XBMZBF8V/61**
	71–80	**XBMZBF8V/71**
	81–90	**XBMZBF8V/81**
	91–100	**XBMZBF8V/91**

Marking Tags for 10.2 mm Wide Terminal Blocks

Description		Catalog Number
ZB10 tags vertically numbered	1–10 ①	**XBMZB10V/1**
	11–20	**XBMZB10V/11**
	21–30	**XBMZB10V/21**
ZBF10 tags vertically numbered	1–10 ①	**XBMZBF10V/1**
	11–20	**XBMZBF10V/11**
	21–30	**XBMZBF10V/21**

Marking Tags for 12 mm Wide Terminal Blocks

Description		Catalog Number
ZB12 tags vertically numbered	1–10 ①	**XBMZB12V/1**
	11–20	**XBMZB12V/11**
	21–30	**XBMZB12V/21**
ZBF12 tags vertically numbered	11–10 ①	**XBMZBF12V/1**
	11–20	**XBMZBF12V/11**
	21–30	**XBMZBF12V/21**

Marking Tags for 16 mm Wide Terminal Blocks

Description		Catalog Number
ZB15 tags vertically numbered	11–10 ①	**XBMZB15V/1**
	11–20	**XBMZB15V/11**
	21–30	**XBMZB15V/21**
ZBF15 tags vertically numbered	1–10 ①	**XBMZBF15V/1**
	11–20	**XBMZBF15V/11**
	21–30	**XBMZBF15V/21**

Note

① For text printed horizontally, change "V" in catalog number to "H."

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