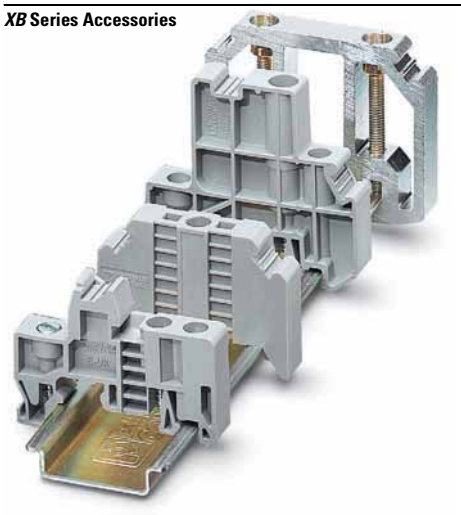
***XB* Series Accessories**



Contents

XB Series Accessories Overview

End Stops

The end stop provides an anchor point at each end of the rail assembly by attaching directly to the DIN rail. A wide range of end stop options are available, including those that mount with one or multiple screws and those that do not require screws for mounting. End stops also have a location for marking material to be placed.

DIN Rail

Eaton offers ways for time-saving and secure mounting of components needed for electrical connections. DIN rail provides the basis for the inner design of the control cabinet and ensures a firm hold of the rail-mountable components. Eaton offers a wide range of standard DIN rails sizes and materials, solid or slotted. Or, contact us about custom lengths of pre-cut rail or ordering pre-drilled rail. The DIN rails are designed in accordance with the European standard EN 60715.

Angled Mounting Brackets

Angled mounting brackets are used to mount DIN rail at a more accessible angle for wiring and troubleshooting.

Ferrules

Ferrules are available with or without an insulating sleeve. The plastic insulating sleeve simplifies the fitting of the conductor and the color indicates the size of the cross-section. The closer the connections are, the more reliable the insulation is and the less likely the wires are to splice. Twin ferrules are also available allowing two wires to be easily compressed in one ferrule. Chain bridging, frequently used in industry, becomes easier with twin ferrules.

Hand Tools

Eaton offers an array of hand tools to make it easier to work with our terminal blocks. The XBTCUTSTP tool is recommended for cutting and stripping PVC insulated wires. The ergonomically shaped crimping pliers, XBTCRMP66, result in fatigue-free work by spreading the manual force equally between the six jaws. The XBTDVR screwdrivers have a rotating cap that prevents user discomfort even at high torques and allows rapid rotation. The ergonomically shaped handle further aids the user's comfort. The blade is made from CVM steel, hardened and chrome-plated.

Marking Accessories

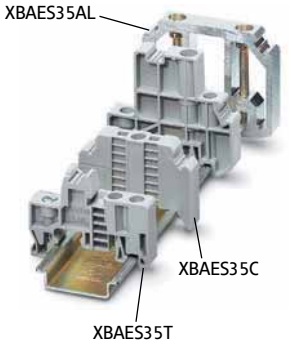
The marking system provides logical and clear identification of the modular terminal blocks and interface modules. The blank marker strip is designed for marking terminal blocks, equipment and smaller modules with marker grooves. The marker strip is available in all common pitches in printed and unprinted versions.

Testing Accessories

The range of test accessories available includes different test plugs, so that an optimum solution can be realized for every application. In addition to pre-assembled test plugs, plugs are also available that can be configured individually to form test adapters.

End Stops

Product Selection



Snap-On End Stop (15 mm)

Standard Pack	Catalog Number
50	**XBAES15N**

Snap-On End Stop (35 mm)

Standard Pack	Catalog Number
50	**XBAES35N**

Snap-on end stops for 35 mm and 15 mm DIN rails can be fitted with blank marker strips and adjustable terminal strip markers, parking facility for bridges and testing accessories.

Universal End Stop (15 mm)

Standard Pack	Catalog Number
50	**XBAES15C**

Universal End Stop (35 mm)

Standard Pack	Catalog Number
50	**XBAES35T**
50	**XBAES35C**

Screwed on, labeling with blank marker strips and terminal strip markers.

Aluminum End

Standard Pack	Catalog Number
10	**XBAES35AL**

Snaps on, for end support of 50–240 mm terminal blocks, labeling with XBMZB10.

Cross-Reference of Terminal Blocks Marking, End Stops

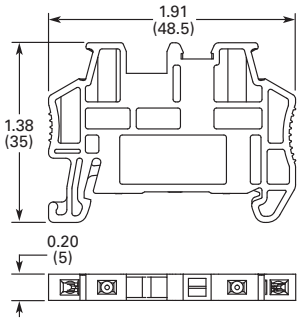
Catalog Number	XBMKLM2	XBMGLMA	XBMUBE
XBAES35N	X	—	—
XBAES35T	—	X	X

Dimensions

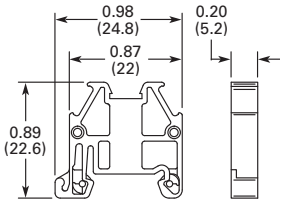
Approximate Dimensions in Inches (mm)

Snap-On End Stop

XBAES35N

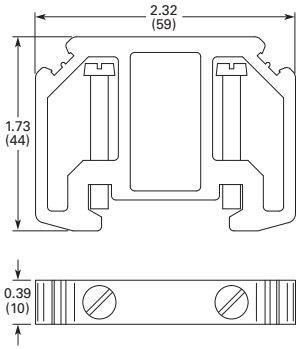


XBAES15N



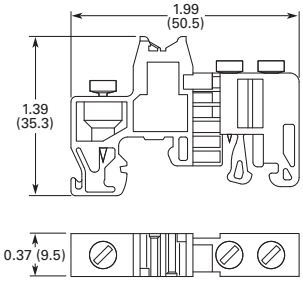
Aluminum End Stop

XBAES35AL

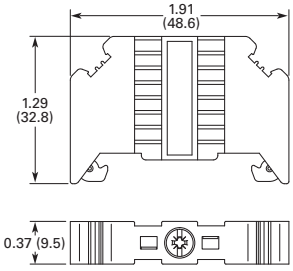


Universal End Stop

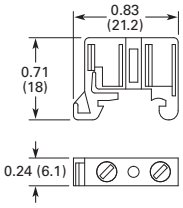
XBAES35T



XBAES35C



XBAES15C



DIN Rails

Product Selection

Perforated and unperforated DIN rails in accordance with E 60715.

Features

- High dimensional accuracy
- Restricted tolerances
- Double surface tempering, galvanized and chromated
- All 2m in length
- Customization available

35 x 7.5 mm x 2m

Standard Pack	Catalog Number
Slotted	
25	**XBANS3575P**
Solid	
25	**XBANS3575U**

35 x 15 mm x 2m

Standard Pack	Catalog Number
Slotted	
25	**XBANS3515P**
Solid	
25	**XBANS3515U**

15 x 5.5 mm x 2m

Standard Pack	Catalog Number
25	**XBANS15P**

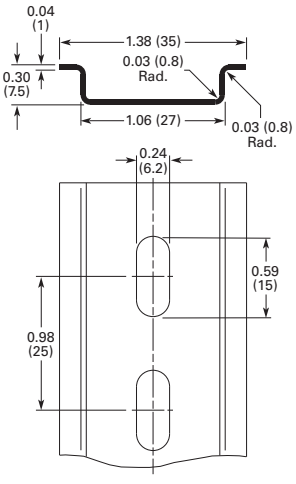
Aluminum DIN Rails (Perforated)

Standard Pack	Catalog Number
35/7.5/2m	
25	**XBANS3575PL**
35/58/2m	
6	**XBANS35PL**

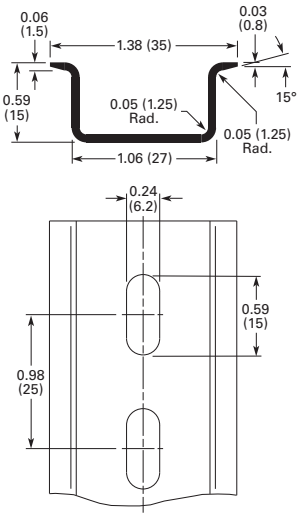
Dimensions

Approximate Dimensions in Inches (mm)

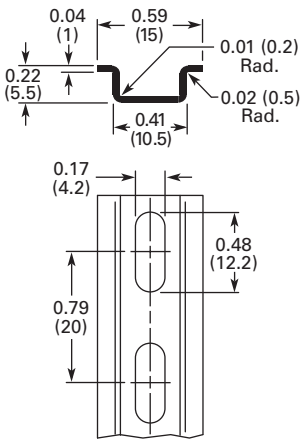
35 x 7.5 mm DIN Rail



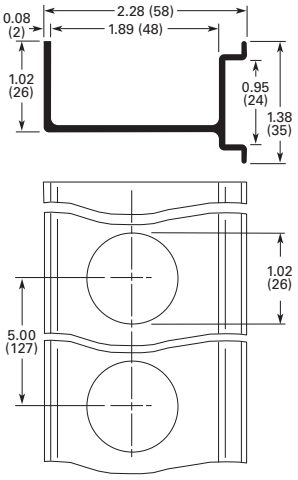
35 x 15 mm DIN Rail



15 x 5.5 mm x 2m DIN Rail



XBANS35PL Raised Rail



Angled Mounting Brackets

Product Selection

The angled brackets enable the DIN rail to be mounted with a spacing or at an angle of 30°.

Features

- For mounting DIN rail at 30° angle
- For use with M6 screw
- Chromated steel
- Provides better visibility

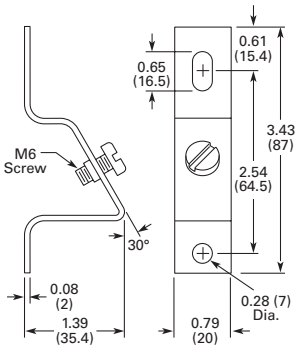
Angled Mounting Bracket

Standard Pack	Catalog Number
Height Inches (mm) 1.39 (35.4)	
10	**XBANBGS**
Height Inches (mm) 1.81 (46)	
10	**XBANBGSH**

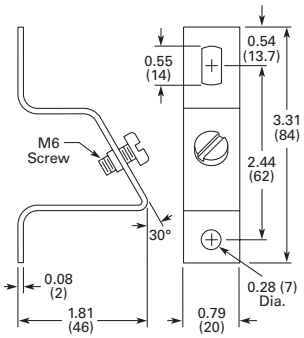
Dimensions

Approximate Dimensions in Inches (mm)

XBANBGS



XBANBGSH



Ferrules

Product Selection

Ferrules are offered in two basic designs—an insulated style available in models for wire sizes 20 through 4 AWG and a non-insulated type available in models for wire sizes 22 through 6 AWG.

Note: UL Ratings do not typically pertain to the use of Ferrules—Ferrules are covered under DIN VDE 0611.

Insulated

- Tube: soft electrolytic copper (E-CU), tin plated
- Plastic sleeve: polypropylene
  - Long-term temperature 105°C
  - Short-term temperature 120°C

XBAF1

Insulated Ferrules

Wire Size AWG (mm^2)	Color ①	Standard Pack ②	Catalog Number
20 (0.5)	White	100	**XBAF1**
18 (0.75)	Gray	100	**XBAF3**
18 (1)	Red	100	**XBAF4**
16 (1.5)	Black	100	**XBAF6**
14 (2.5)	Blue	100	**XBAF9**
14 (2.5)	Blue	100	**XBAF10**
12 (4)	Gray	100	**XBAF11**
12 (4)	Gray	100	**XBAF12**
10 (6)	Yellow	100	**XBAF13**
10 (6)	Yellow	100	**XBAF14**
8 (10)	Red	100	**XBAF15**
8 (10)	Red	100	**XBAF16**
6 (16)	Blue	100	**XBAF17**
6 (16)	Blue	100	**XBAF18**
4 (25)	Yellow	50	**XBAF19**

Non-Insulated

- Tube: soft electrolytic copper (E-CU), tin plated

XBAF20

Non-Insulated Ferrules

Wire Size AWG (mm^2)	Standard Pack ②	Catalog Number
20 (0.5)	100	**XBAF20**
18 (0.75)	100	**XBAF21**
18 (1)	100	**XBAF23**
16 (1.5)	100	**XBAF24**
14 (2.5)	100	**XBAF25**
12 (4)	100	**XBAF26**
10 (6)	100	**XBAF27**
8 (10)	100	**XBAF28**
6 (16)	100	**XBAF29**

Special Applications

The twin ferrules allow two conductors to be compressed practically in one ferrule.

The colored coding of the various cross sections corresponds to DIN 46 228-4.

XBAFT1

Non-Insulated Twin Ferrules

Wire Size AWG (mm^2)	Color ①	Standard Pack ②	Catalog Number
20 (0.5)	White	100	**XBAFT1**
18 (0.75)	Gray	100	**XBAFT3**
18 (1)	Red	100	**XBAFT4**
16 (1.5)	Black	100	**XBAFT6**
14 (2.5)	Blue	100	**XBAFT9**
12 (4)	Gray	100	**XBAFT11**
10 (6)	Yellow	100	**XBAFT13**
8 (10)	Red	100	**XBAFT15**
6 (16)	Blue	50	**XBAFT18**

Notes

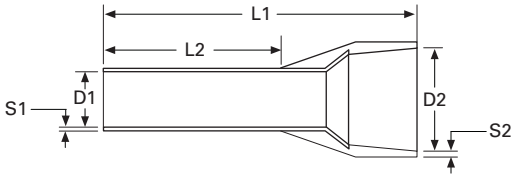
① The colored coding of the various cross-sections corresponds to DIN 46 228-4.

② Standard pack is the number of ferrules that come in each bag. Must order in multiples of standard pack.
Example: **XBAF1**—an order for 200 pieces will receive 2 bags of ferrules, each with 100 pieces.

Dimensions

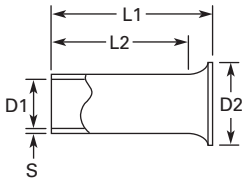
Approximate Dimensions in Inches (mm)

Ferrules with Insulating Collar



Catalog Number	Approximate Dimensions D1	D2	L1	L2	S1	S2
XBAF1	0.04 (1.1)	0.10 (2.5)	0.55 (14.0)	0.31 (8.0)	0.006 (0.15)	0.010 (0.25)
XBAF3	0.05 (1.3)	0.11 (2.8)	0.55 (14.0)	0.31 (8.0)	0.006 (0.15)	0.010 (0.25)
XBAF4	0.06 (1.5)	0.12 (3.0)	0.55 (14.0)	0.31 (8.0)	0.006 (0.15)	0.012 (0.30)
XBAF6	0.07 (1.8)	0.13 (3.4)	0.55 (14.0)	0.31 (8.0)	0.006 (0.15)	0.012 (0.30)
XBAF9	0.09 (2.3)	0.17 (4.2)	0.55 (14.0)	0.31 (8.0)	0.006 (0.15)	0.012 (0.30)
XBAF10	0.09 (2.3)	0.17 (4.2)	0.94 (24.0)	0.71 (18.0)	0.006 (0.15)	0.012 (0.30)
XBAF11	0.11 (2.8)	0.19 (4.8)	0.67 (17.0)	0.39 (10.0)	0.008 (0.20)	0.012 (0.30)
XBAF12	0.11 (2.8)	0.19 (4.8)	1.02 (26.0)	0.71 (18.0)	0.008 (0.20)	0.012 (0.30)
XBAF13	0.14 (3.5)	0.24 (6.2)	0.79 (20.0)	0.47 (12.0)	0.008 (0.20)	0.012 (0.30)
XBAF14	0.14 (3.5)	0.24 (6.2)	1.02 (26.0)	0.71 (18.0)	0.008 (0.20)	0.012 (0.30)
XBAF15	0.18 (4.6)	0.30 (7.5)	0.87 (22.0)	0.47 (12.0)	0.008 (0.20)	0.012 (0.30)
XBAF16	0.18 (4.6)	0.30 (7.5)	1.10 (28.0)	0.71 (18.0)	0.008 (0.20)	0.012 (0.30)
XBAF17	0.23 (5.8)	0.35 (8.8)	0.94 (24.0)	0.47 (12.0)	0.008 (0.20)	0.016 (0.40)
XBAF18	0.23 (5.8)	0.35 (8.8)	1.10 (28.0)	0.71 (18.0)	0.008 (0.20)	0.016 (0.40)
XBAF19	0.29 (7.3)	0.43 (11.0)	1.26 (32.0)	0.71 (18.0)	0.008 (0.20)	0.020 (0.50)

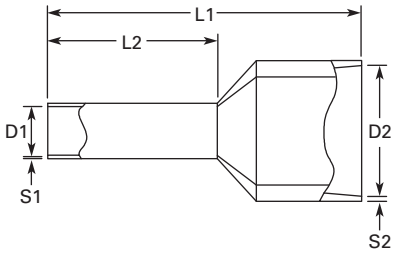
Ferrules without Insulating Collar



Catalog Number	Approximate Dimensions D1	D2	L1	L2	S
XBAF20	0.04 (1.0)	0.08 (2.1)	0.24 (6.0)	0.21 (5.3)	0.006 (0.15)
XBAF21	0.05 (1.2)	0.09 (2.3)	0.24 (6.0)	0.21 (5.3)	0.006 (0.15)
XBAF23	0.06 (1.4)	0.10 (2.5)	0.24 (6.0)	0.21 (5.3)	0.006 (0.15)
XBAF24	0.07 (1.7)	0.11 (2.8)	0.28 (7.0)	0.24 (6.0)	0.006 (0.15)
XBAF25	0.09 (2.2)	0.13 (3.4)	0.28 (7.0)	0.24 (6.0)	0.006 (0.15)
XBAF26	0.11 (2.8)	0.16 (4.0)	0.35 (9.0)	0.31 (8.0)	0.008 (0.20)
XBAF27	0.14 (3.5)	0.19 (4.7)	0.47 (12.0)	0.35 (9.0)	0.008 (0.20)
XBAF28	0.18 (4.5)	0.23 (5.8)	0.47 (12.0)	0.43 (10.8)	0.008 (0.20)
XBAF29	0.23 (5.8)	0.30 (7.5)	0.47 (12.0)	0.41 (10.5)	0.008 (0.20)

Approximate Dimensions in Inches (mm)

Twin Ferrules



Catalog Number	Approximate Dimensions D1	D2	L1	L2	S1	S2
XBAFT1	0.06 (1.5)	0.10 (2.5)	0.59 (15.0)	0.31 (8.0)	0.006 (0.15)	0.010 (0.25)
XBAFT3	0.07 (1.8)	0.11 (2.8)	0.59 (15.0)	0.31 (8.0)	0.006 (0.15)	0.010 (0.25)
XBAFT4	0.08 (2.1)	0.13 (3.4)	0.59 (15.0)	0.31 (8.0)	0.006 (0.15)	0.012 (0.30)
XBAFT6	0.09 (2.3)	0.14 (3.6)	0.63 (16.0)	0.31 (8.0)	0.006 (0.15)	0.012 (0.30)
XBAFT9	0.11 (2.9)	0.17 (4.2)	0.73 (18.5)	0.39 (10.0)	0.008 (0.20)	0.012 (0.30)
XBAFT11	0.15 (3.8)	0.19 (4.9)	0.91 (23.0)	0.47 (12.0)	0.008 (0.20)	0.012 (0.30)
XBAFT13	0.19 (4.9)	0.23 (5.9)	0.98 (25.0)	0.55 (14.0)	0.008 (0.20)	0.016 (0.40)
XBAFT15	0.26 (6.5)	0.28 (7.2)	1.02 (26.0)	0.55 (14.0)	0.008 (0.20)	0.016 (0.40)
XBAFT18	0.33 (8.5)	0.35 (8.8)	1.22 (31.0)	0.63 (16.0)	0.008 (0.20)	0.020 (0.50)

Hand Tools

Stripping Tools

Product Selection

Stripping Tools

Standard Pack	Catalog Number
1	**XBTCUTSTP**

Technical Data and Specifications

Conductor/Cable Stripping Range

Description	Specification
Conductor/cable	0.2–6 mm^2/24–10 AWG
Wire cutter	6 mm^2/10 AWG

Dimensions

Approximate Dimensions in Inches (mm)

Stripping Tools

Length	Stripping Length	Weight In lbs (g)
8.07 (205)	Up to 18 mm	0.44 (200)

Crimping Pliers

The crimping pliers deform the ferrules hexagonally. For 0.25–6 mm^2 ferrules in accordance with DIN 46 228-1: 1992-08 and DIN 46 228-4: 1990-09.

Product Selection

Crimping Pliers

Standard Pack	Catalog Number
1	**XBTCRMP66**

Technical Data and Specifications

Areas of Application

Description	Specification
Conductor	0.25–6 mm^2
Conductor	23–10 AWG

Dimensions

Approximate Dimensions in Inches (mm)

Crimping Pliers

Length	Weight In lbs (g)
6.85 (175)	0.79 (360)

Slotted Screwdrivers

The crimping pliers deform the ferrules hexagonally. For 0.25–6 mm^2 ferrules in accordance with DIN 46 228-1: 1992-08 and DIN 46 228-4: 1990-09.

Product Selection

Slotted Screwdrivers

Standard Pack	Catalog Number
3.5 mm	
1	**XBTDVR35**
4.0 mm	
1	**XBTDVR40**

Marking Accessories

Printed Marking Tag Options

Horizontally Printed Marking Tags and Marking Directions

1	2	3	4	5	6	7	8	9	10

Marking Direction: Horizontal

1
2
3
4
5
6
7
8
9
10

Marking Direction: Vertical

Marking Tags for 5.2 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB5 Tags Vertically Numbered		
10	1–10 ①	**XBMZB5V/1**
10	11–20	**XBMZB5V/11**
10	21–30	**XBMZB5V/21**
10	31–40	**XBMZB5V/31**
10	41–50	**XBMZB5V/41**
10	51–60	**XBMZB5V/51**
10	61–70	**XBMZB5V/61**
10	71–80	**XBMZB5V/71**
10	81–90	**XBMZB5V/81**
10	91–100	**XBMZB5V/91**
ZBF5 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF5V/1**
10	11–20	**XBMZBF5V/11**
10	21–30	**XBMZBF5V/21**
10	31–40	**XBMZBF5V/31**
10	41–50	**XBMZBF5V/41**
10	51–60	**XBMZBF5V/51**
10	61–70	**XBMZBF5V/61**
10	71–80	**XBMZBF5V/71**
10	81–90	**XBMZBF5V/81**
10	91–100	**XBMZBF5V/91**

Marking Tags for 6.2 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB6 Tags Vertically Numbered		
10	1–10 ①	**XBMZB6V/1**
10	11–20	**XBMZB6V/11**
10	21–30	**XBMZB6V/21**
10	31–40	**XBMZB6V/31**
10	41–50	**XBMZB6V/41**
10	51–60	**XBMZB6V/51**
10	61–70	**XBMZB6V/61**
10	71–80	**XBMZB6V/71**
10	81–90	**XBMZB6V/81**
10	91–100	**XBMZB6V/91**
ZBF6 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF6V/1**
10	11–20	**XBMZBF6V/11**
10	21–30	**XBMZBF6V/21**
10	31–40	**XBMZBF6V/31**
10	41–50	**XBMZBF6V/41**
10	51–60	**XBMZBF6V/51**
10	61–70	**XBMZBF6V/61**
10	71–80	**XBMZBF6V/71**
10	81–90	**XBMZBF6V/81**
10	91–100	**XBMZBF6V/91**

Note

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

Marking Tags for 8.2 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB8 Tags Vertically Numbered		
10	1–10 ①	**XBMZB8V/1**
10	11–20	**XBMZB8V/11**
10	21–30	**XBMZB8V/21**
10	31–40	**XBMZB8V/31**
10	41–50	**XBMZB8V/41**
10	51–60	**XBMZB6V/51**
10	61–70	**XBMZB8V/61**
10	71–80	**XBMZB8V/71**
10	81–90	**XBMZB8V/81**
10	91–100	**XBMZB8V/91**
ZBF8 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF8V/1**
10	11–20	**XBMZBF8V/11**
10	21–30	**XBMZBF8V/21**
10	31–40	**XBMZBF8V/31**
10	41–50	**XBMZBF8V/41**
10	51–60	**XBMZBF8V/51**
10	61–70	**XBMZBF8V/61**
10	71–80	**XBMZBF8V/71**
10	81–90	**XBMZBF8V/81**
10	91–100	**XBMZBF8V/91**

Marking Tags for 10.2 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB10 Tags Vertically Numbered		
10	1–10 ①	**XBMZB10V/1**
10	11–20	**XBMZB10V/11**
10	21–30	**XBMZB10V/21**
ZBF10 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF10V/1**
10	11–20	**XBMZBF10V/11**
10	21–30	**XBMZBF10V/21**

Marking Tags for 12 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB12 Tags Vertically Numbered		
10	1–10 ①	**XBMZB12V/1**
10	11–20	**XBMZB12V/11**
10	21–30	**XBMZB12V/21**
ZBF12 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF12V/1**
10	11–20	**XBMZBF12V/11**
10	21–30	**XBMZBF12V/21**

Marking Tags for 16 mm Wide Terminal Blocks

Standard Pack	Number Sequence	Catalog Number
ZB15 Tags Vertically Numbered		
10	1–10 ①	**XBMZB15V/1**
10	11–20	**XBMZB15V/11**
10	21–30	**XBMZB15V/21**
ZBF15 Tags Vertically Numbered		
10	1–10 ①	**XBMZBF15V/1**
10	11–20	**XBMZBF15V/11**
10	21–30	**XBMZBF15V/21**

Note

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

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Pre-Printed Marking Tags

Terminal Blocks Marking Tags

The tags are made of white self-extinguishing polyamide 6.6 and the imprint is hot stamped with rubproof black ink.

- White marking strip available preprinted. Strip covers 10 terminals. Marking 1 – 10, 11–20, up to 991–999. Contact Eaton for more options.
  - XBMZB5 or XBMZBF5 for terminal blocks 5.2 mm wide
  - XBMZB6 or XBMZBF6 for terminal blocks 6.2 mm wide
  - XBMZB8 or XBMZBF8 for terminal blocks 8.2 mm wide
  - XBMZB10 or XBMZBF10 for terminal blocks 10.2 mm wide
  - XBMZB12 or XBMZBF12 for terminal blocks 12 mm wide
  - XBMZB15 or XBMZBF15 for terminal blocks 16 mm wide

Marking Tag Sizes

Note: Marking Tag Sizes are for all catalog numbers starting with given prefix, EXCEPT FUSE TERMINAL Blocks.

Proper Marking Tag Size

XBMZB5	XBMZBF5	XBMZB6	XBMZBF6	XBMZB8	XBMZBF8	XBMZB10	XBMZBF10	XBMZB12	XBMZBF12	XBMZB15	XBMZBF15	XBMSSZB
XBUT25	XBPT25 ②	XBUT4	XBPT4 ②	XBUT6	XBPT6 ②	XBUT10	XBPT10 ②	XBPT16 ①	XBPT16 ②	XBUT35	XBPT35 ②	XBMKLMZ
XBUT4FBE ①	XBPTT25	XBUTT4	XBPTT4	XBPT6 ①	XBPT4FBN ②	XBUT16	—	—	—	XBPT35 ①	—	—
XBUT6FBN ①	XBPTK	XB3UKA	XBPT4FBE ②	XBUK6	XBPT4FSI ②	XBTK	—	—	—	—	—	—
XBPT25 ①	XBPU25 ②	XB3UKF	XBQT25 ③	XBPT4FSI ①	—	XBUK50	—	—	—	—	—	—
XBPT4FBE ①	XBAP …	XBUT4FBE ②	XBQT25FBE ③	—	—	XBUK150	—	—	—	—	—	—
XBPU25 ①	XBQT15 ③	XBUT6FBN ②	XBQU25 ③	—	—	XBUK95	—	—	—	—	—	—
XBQT15 ①	XBQTT15	XBUK10	—	—	—	XBPT10 ①	—	—	—	—	—	—
XBQT25FBE ④	XBQU15 ③	XBUKK4	—	—	—	XBMKLMZ ⑤	—	—	—	—	—	—
XBQU15 ①	XBMPK15	XBPT4 ①	—	—	—	—	—	—	—	—	—	—
XBMUK25	XBMPKK15	XBPT4FBN ①	—	—	—	—	—	—	—	—	—	—
—	XBATCP…	XBQT25 ①	—	—	—	—	—	—	—	—	—	—
—	—	XBQT25FBE ①	—	—	—	—	—	—	—	—	—	—
—	—	XBQU25 ①	—	—	—	—	—	—	—	—	—	—
—	—	XBMUK4	—	—	—	—	—	—	—	—	—	—

Notes

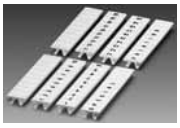
① For center labeling.
② For external labeling.
③ For center and outside labeling.
④ For lever labeling.
⑤ Two (2) XBMZB10 tags fit in one (1) XBMKLMZ.

Marker Strips and Sheets (for use with XBAPLT2006K1 plotter)

The ***XB*** Series marking system provides logical and clear identification of the modular terminal blocks and interface modules.

Product Selection

XBMZB_



Marker Strips (Strip of 10)

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

XBMPZB_

Marker Sheets (Strip of 10)

Terminal Width)	Color	Stnd. Pack	Catalog Number
Marker Sheets (10 rows of 12)			
5.2 mm	White	50	**XBMPZB5**
	Blue	50	**XBMPZB5BU**
	Red	50	**XBMPZB5RD**
	Yellow	50	**XBMPZB5YE**
	Green	50	**XBMPZB5GN**
Marker Sheets (10 rows of 10)			
6.2 mm	White	50	**XBMPZB6**
	Blue	50	**XBMPZB6BU**
	Red	50	**XBMPZB6RD**
	Yellow	50	**XBMPZB6YE**
	Green	50	**XBMPZB6GN**

XBMPZBF_

Flat Marker Sheets (10 rows of 10)			
5.2 mm	White	10	**XBMPZBF5**
	Orange	10	**XBMPZBF5OG**
	White	10	**XBMPZBF6**
	Orange	10	**XBMPZBF6OG**
	White	10	**XBMPZBF8**

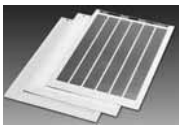
Label Sheets for Laser Printers

The XBM labels have been specially developed for laser printers and have considerable advantages:

- Can be printed on all commercially available laser printers
- Or can use plotter or pen for printing
- Good adhesive properties
- A4 size
- XBMKL25X12WH designed to fit XBGBS2512 group marker
- XBMLMAL447 is perforated for terminal strip marker XBMGLMA and is 44 x 7 mm

Product Selection

XBM_



Label Sheets

Standard Pack	Catalog Number
10	**XBMKL25X12WH**
10	**XBMLMAL447**

Note

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

Terminal Block Group Marking

Terminal block groups are marked using marking labels that are snapped into the marker strip groove of the terminal blocks. The group is marked using either labels or insert markers.

Product Selection

XBGBS2512

Terminal Block Group Marking ①

Standard Pack	Catalog Number
100	**XBGBS2512**

Terminal Strip Markers

Adjustable height for end bracket labeling.

Product Selection

XBM_

Terminal Strip Markers ①

Standard Pack	Catalog Number
20 x 8 mm Wide	
10	**XBMKLM2**
44 x 7 mm Wide	
10	**XBMGLMA**

Terminal Strip Marker Carriers

For labeling terminal groups, for mounting on DIN rail. Lettering field is 40 x 17 mm.

Product Selection

XBMUB_

Terminal Strip Marker Carriers

Standard Pack	Catalog Number
10	**XBMUBE**
10	**XBMUBED**

Insert Markers for Laser Printers

One sheet = 56 labels. Lettering field is 40 x 17 mm.

Product Selection

XBMUBEL4017

Insert Markers for XBMUBE(D)

Standard Pack	Catalog Number
10	**XBMUBEL4017**

Refillable Marker Pen

Refillable marker pen for manual labeling, line thickness 0.35 mm.

Product Selection

XBMXPEN

Terminal Strip Markers ①

Standard Pack	Catalog Number
Pen	
1	**XBMXPEN**
Ink Cartridge	
1	**XBMINK**

Non-Refillable Marker Pen

For manual labeling, line thickness 0.5 mm.

Product Selection

XBMUBE

Non-Refillable Marker Pen

Standard Pack	Catalog Number
1	**XBMBSTIFT**

Note

① See **Page V7-T8-101** for insert labels.

Marking Plotter

The automatic Prepare Pen function ensures optimum marking results right from the first character.

Pens can remain in the pen station even for prolonged intervals without drying out.

Custom Marking Tag System

This plotter system uses Windows®-based software to interface with a PC, allowing custom printing on standard terminal blocks marking tags. These standard marking tags provide circuit identification for Eaton DIN rail mount terminal blocks.

Features

- Enter tag text directly into EMARK software program or import file from AutoCAD or Excel®
- Selectable font sizes, types and colors including common symbols for circuit identification (ground, ~ etc.)
- Various text formatting options including copy, paste, increment functions, text alignment, etc.
- Durable templates allow printing of four different tag sizes at the same time
- Automatic prepare pen function for optimum results

Technical Data and Specifications

Marking Plotter

Description	Specification
Plotter	
Plotter type	Flatbed plotter
Maximum plotting surface	440 mm x 296 mm
Maximum material height	10.5 mm
Maximum plotting speed	40 cm/sec
Pen station	Four depots with double sealing
Drive	Two-phase impulse-driven motor
Interfaces	Parallel (Centronics)/USB Level 1.1
Electronics	
Command language	Based on HP-GL 7475A
Data buffer	16 MB
Addressable resolution	0.01 mm
Repeat accuracy	0.05 mm
Repeat accuracy on pen change	0.05 mm with optimum pen
Power Supply	
Power supply	Via separate power supply unit with exchangeable mains feeder cable
Power supply unit input voltage	100–240 Vac/50–60 Hz
Power supply unit input current (maximum)	0.3A at 230V~
Power supply unit output voltage	24 Vdc
Power supply unit output current (maximum)	1.4A
Environmental conditions	
Operation	50° to 95°F (10° to 35°C) 35% to 75% relative humidity
Storage	14° to 122°F (–10° to 50°C) 10% to 90% relative humidity

Dimensions

Approximate Dimensions in Inches (mm)

Marking Plotter

L	W	H	Approx. Weight In Lbs (kg)
25.98 (660)	17.32 (440)	4.92 (125)	18 (8)

Marking Plotter

Description	Standard Pack	Catalog Number
Plotter kit ①	1	**XBAPLT2006K1**
Pen station sealing set	1	**XBMP1PENDEPOT**
Plotter pen preparation plate	1	**XBMP1PREPLATES**
Template for marker strips	1	**XBMP1MZB**
Template for flat marker strips	1	**XBMP1MZBF**
Template for XBMPZB marker sheets	1	**XBMP1MPZB**
Template for XBMPZBF marker sheets	1	**XBMP1MPZBF**
Template for Weidmuller multicard sheet	1	**XBMP1MCSF46**
Template for Weidmuller multicard sheet universal	1	**XBMP1MCU**
Template for Entrelec sheets	1	**XBMP1MRC**
0.25 mm disposal pen	1	**XBMDPEN25R**
0.35 mm disposal pen	1	**XBMDPEN35R**
0.25 mm pen	1	**XBMPEN25**
0.35 mm pen	1	**XBMPEN35**
Ink Cartridge	2	**XBMINK**
Pen cleaning set	1	**XBMRSET**
Cleaning cartridges	2	**XBMRMEKFC2**

EMARK Software

Eaton's EMARK software makes labeling your terminal blocks quick and simple. You can import your data from ECHART, any other CAD/CAE program, or enter text directly into EMARK. The software allows marking tags to be printed on the PLT2006 plotter in a professional manner.

Note

① Plotter kit includes PLT2006 plotter system with EMARK software and user manual, starter ink and cleaning sets, and templates for marking all XBMZB and XBMZBF tags.

Testing Accessories

Test Adapter

For 4 mm diameter test plug and 4 mm diameter safety test plug. Makes contact in the bridge shaft.

Product Selection

XBATSPAI4

Test Adapter

Standard Pack	Catalog Number
1	**XBATSPAI4**

Modular Test Plugs

For individual assembly of test plug strips.

Product Selection

XBATS_

Modular Test Plugs

Standard Pack	Catalog Number
Test Plugs	
10	**XBATSPS5**
10	**XBATSPS6**
10	**XBATSPS8**
Spacer Plate	
10	**XBATSDPPS5**
10	**XBATSDPPS6**
10	**XBATSDPPS8**

Test Plugs

Consisting of metal part for socket hole and insulating sleeve.

Product Selection

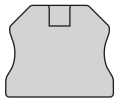
XBATSMP_

XBATSMP_

Test Plugs

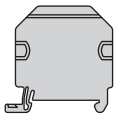
Standard Pack		Catalog Number
2.3 mm		
10	—	**XBATSMPSMT**
10	Blue	**XBATSMPSIHBU**
10	White	**XBATSMPSIHWH**
10	Red	**XBATSMPSIHRD**
10	Black	**XBATSMPSIHBK**
4 mm		
10	—	**XBATSPSMT**
10	Blue	**XBATSPSIHBU**
10	White	**XBATSPSIHWH**
10	Red	**XBATSPSIHRD**
10	Black	**XBATSPSIHBK**

Separating Plates, Covers and Bridges



End Cover

Used to cover an open end of terminal block when changing sizes within an assembly and/or for last terminal block in a row.

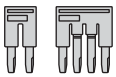


Partition Plate

Protrudes over the terminal block and is used to increase electrical clearance between terminals. Also provides visual indications of the functions of terminal blocks. For example, terminal blocks between two partition plates may provide an exact location for test points.

End Cover Segment

Covers protruding terminal block segments of three- and four-wire terminal blocks when next to a two wire blocks. This ensures that all is touch-proof and saves space over using a standard end cover.



Jumper/Bridge

Provides the ability to electrically connect terminal blocks. Non-adjacent blocks may be bridged by snapping off the contact tabs of the standard bridge. The reducing bridge permits simple connection of terminal blocks with different nominal cross-sections.

Note

See these accessories as listed with terminal blocks for more information.

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