

## Fuse Terminal Blocks



## Contents

<b>Description</b>	<b>Page</b>
Single Level—Through-Feed	V7-T8-5
Single Level—Ground Blocks	V7-T8-10
Multi-Conductor Terminal Blocks	V7-T8-12
Multi-Conductor Ground Blocks	V7-T8-14
Double Level	V7-T8-16
Triple Level Sensor/Actuator	V7-T8-18
Fuse Terminal Blocks	
Accessories	V7-T8-23
Technical Data and Specifications	V7-T8-23
Dimensions	V7-T8-23
Disconnect and Component Terminal Blocks	V7-T8-24
High Current Blocks	V7-T8-27
Mini Screw Connection	V7-T8-29

## Fuse Terminal Blocks

### Product Description

The UT Series fuse terminal blocks come in two varieties—lever type and cap. Each performs two functions. They act as a fuse carrier for most common North American and European fuses and they

allow for potential distribution with the double bridge shaft. The terminal blocks therefore allow bypass routing of two separate potentials next to each other. This has the advantage of a time-saving

potential infeed and a correct, functional configuration of the terminal strip. For signaling a triggered fuse, fuse terminal blocks with light indicators are available (for both AC and DC voltage).

### Product Selection

#### XBUT4FBE



#### Screw Connection Fuse Terminal Blocks, for 5 x 20 mm Fuse

Terminal Width	Maximum Wire Size	IEC 60 947-7-3 in V/A/AWG	UL-cUL Ratings in V/A/AWG	Color	Standard Pack	Catalog Number
<b>Fuse Terminal Blocks</b>						
6.2 mm	10 AWG/4 mm <sup>2</sup>	①/6.3/26–10	600/6.3/26–10	Black	50	XBUT4FBE
<b>Fuse Terminal Blocks with LED 12–30V, 1–2.5 mA</b>						
6.2 mm	10 AWG/4 mm <sup>2</sup>	①/6.3/26–10	600/6.3/26–10	Black	50	XBUT4FBEL24
<b>Fuse Terminal Blocks with LED 30–60V, 0.8–2.0 mA</b>						
6.2 mm	10 AWG/4 mm <sup>2</sup>	①/6.3/26–10	600/6.3/26–10	Black	50	XBUT4FBEL60
<b>Fuse Terminal Blocks with LED 110–250V, 0.5–2.5 mA</b>						
6.2 mm	10 AWG/4 mm <sup>2</sup>	①/6.3/26–10	600/6.3/26–10	Black	50	XBUT4FBEL250

**Note**

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

# 8.1

## Terminal Blocks, Fuse Blocks and Fuse Holders

IEC—XB Series

**XBUT6FBN**



### Screw Connection Fuse Terminal Blocks for 6.3 x 32 mm (1/4 in x 1-1/4 in) Fuse

Terminal Width	Maximum Wire Size	IEC 60 947-7-3 in V/A/AWG	UL-cUL Ratings in V/A/AWG	Color	Standard Pack	Catalog Number
<b>Fuse Terminal Blocks</b>						
8.2 mm	8 AWG/6 mm <sup>2</sup>	①/10/24-8	400/10/24-8	Black	50	<b>XBUT6FBN</b>
<b>Fuse Terminal Blocks with LED 12-30V, 1-2.5 mA</b>						
8.2 mm	8 AWG/6 mm <sup>2</sup>	①/10/24-8	400/10/24-8	Black	50	<b>XBUT6FBNL24</b>
<b>Fuse Terminal Blocks with LED 30-60V, 0.8-2.0 mA</b>						
8.2 mm	8 AWG/6 mm <sup>2</sup>	①/10/24-8	400/10/24-8	Black	50	<b>XBUT6FBNL60</b>
<b>Fuse Terminal Blocks with LED 110-250V, 0.5-2.5 mA</b>						
8.2 mm	8 AWG/6 mm <sup>2</sup>	①/10/24-8	400/10/24-8	Black	50	<b>XBUT6FBNL250</b>

**8**

**XBUK10FBCE**



### Screw Connection Fuse Terminal Blocks, XBUK10FBCE

Terminal Width	Maximum Wire Size	IEC 60 947-7-3 with Fuse in V/A/AWG	IEC 60 947-7-3 as Disconnected t.b. in V/A/AWG	UL-cUL Ratings in V/A/AWG	Color	Standard Pack	Catalog Number
<b>Fuse Terminal Blocks for 5 x 20 mm fuse</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>
<b>Fuse Terminal Blocks for 6.3 x 32 mm (1/4 in x 1-1/4 in) fuse</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>
<b>Fuse Terminal Blocks with Light Indicator 15-30V, 1-2.5 mA, 5 x 20 mm</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>
<b>Fuse Terminal Blocks with Light Indicator 15-30V, 1-2.5 mA, 6.3 x 32 mm</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>
<b>Fuse Terminal Blocks with Light Indicator 110-250V, 0.5-1.1A, 5 x 20 mm</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>
<b>Fuse Terminal Blocks with Light Indicator 110-250V, 0.5-1.1A, 6.3 x 32 mm</b>							
12 mm	6 AWG/16 mm <sup>2</sup>	①/①/20-4	800/10/20-6	300/20/22-6	Black	50	<b>XBUK10FBCE</b>

### Cartridge Fuse Inserts 5 x 20 mm Based on DIN EN 60 947-7-3: 2003-7

Terminal Blocks	U (V)	Overload Protection		Short-Circuit Protection Only		I <sub>max.</sub> (A)
		Individual	Interconnected	Individual	Interconnected	
<b>XBUT4FBE</b>	250	1.6W	1.6W	4W	2.5W	6.3

**Notes**

Max. power dissipation at 73.4°F (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.

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

① As disconnect terminal block 500V, as fuse terminal block 400V.

## Accessories

## Screw Connection Fuse Terminal Blocks

Description	Color	Number of Positions	Standard Pack	XBUT4FBE Catalog Number	XBUT6FBN Catalog Number	XBUK10FBCE Catalog Number
End cover	—	—	—	①	①	—
Plug-in bridge—for cross connections in the bridge shaft	Red	2	10	XBAFBS26	XBAFBS28	—
		3	50	XBAFBS36	XBAFBS38	—
		5	50	XBAFBS56	XBAFBS58	—
		10	10	XBAFBS106	XBAFBS108	—
		50	10	XBAFBS506	—	—
Blank marker strip center labeling (strip of 10)	White	—	—	XBMZB5 ②	XBMZB6 ②	—
Blank marker strip external labeling (strip of 10)	White	—	—	XBMZB6 ②	XBMZB8 ②	—
Fixed bridge	—	2	10	—	—	XBAFBI212
Screw heads with insulating collar	—	10	10	—	—	XBAFBI1012
Blank marker strip (strip of 10)	White	—	10	—	—	XBMZB6 ②

## Technical Data and Specifications

## Screw Connection Fuse Terminal Blocks

Description	XBUT4FBE	XBUT4FBN	XBUK10FBCE
<b>Technical Data in Accordance with IEC</b>			
Fuse type/dimensions in (mm)	—	—	G/5 x 20/5 x 25/6.3 x 32
Maximum cross section with insertion bridge solid/stranded in mm <sup>2</sup>	6.3/6	10/10	10/10
Rated surge voltage in kV/contamination class	4/3	4/3	4/3
Surge voltage category/insulating material group	III/II	III/II	III/I
<b>Connection Capacity</b>			
Stranded with ferrule/with ferrule and plastic sleeve in mm <sup>2</sup>	0.25–4/0.25–4	0.25–6/0.25–6	0.5–10/0.5–10
<b>Multi-Conductor Connection</b> (same cross-section)			
Solid/stranded in mm <sup>2</sup>	0.14–1.5/0.14–1.5	—	0.5–4/0.5–4
Stranded with ferrules without plastic sleeve in mm <sup>2</sup>	0.25–1.5	—	0.5–4
Stranded with twin ferrule with plastic sleeve in mm <sup>2</sup>	0.5–2.5	0.5–4	0.5–10
Stripping length in inches (mm)	0.35 (9)	0.39 (10)	0.43 (11)
Thread	M3	M4	M4
Torque in in-lb (Nm)	5.3–7.1 (0.6–0.8)	13.3–15.9 (1.5–1.8)	13.3–15.9 (1.5–1.8)

## Dimensions

Approximate Dimensions in Inches (mm)

## Screw Connection Fuse Terminal Blocks

Catalog Number	Width	Length	Height for—		
			35 x 7.5 in	35 x 15 in	32 in
XBUT4FBE	0.24 (6.2)	2.24 (56.8)	2.87 (73.0)	3.17 (80.5)	—
XBUT4FBN	0.32 (8.2)	2.24 (56.8)	2.87 (73.0)	3.17 (80.5)	—
XBUK10FBCE	0.47 (12.0)	2.44 (62.0)	2.32 (59.0)	2.62 (66.5)	2.52 (64.0)

## Notes

① XBUT4FBE and XBUT6FBN have an enclosed design. The use of an end cover is not required.

② For information on Printed Marking Tag Options, see **Page V7-T8-98**.For additional accessories, see **Page V7-T8-90**.