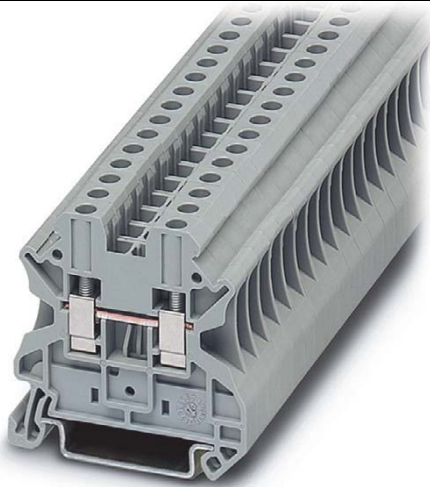


Single Level—Through-Feed



Single Level—Through-Feed

Product Description

The XBUT terminal blocks feature a compact design and maintenance-free screw connection. There is a double bridge shaft providing maximum flexibility.

The double bridge shaft can accommodate individual chain bridging and step-down bridging from other terminal blocks. There are numerous options for accessories,

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including those for testing and marking. Terminal blocks are available for wire cross-sections ranging from 12 AWG (2.5 mm²) to 2/0 AWG (150 mm²).

8.1

Terminal Blocks, Fuse Blocks and Fuse Holders

IEC—XB Series

Product Selection

XBUT4



Screw Connection Single Level—Through-Feed

Terminal Width	Maximum Wire Size	IEC 60 947-7-1 in V/A/AWG	EN 50 019 in V/A/AWG	UL-cUL Ratings in V/A/AWG	Color	Standard Pack	Catalog Number
5.2 mm	12 AWG/2.5 mm ²	800/32/26–12	750/22/28/26–12	600/20/26–12	Gray	50	XBUT25
					Blue	50	XBUT25BU
					Orange	50	XBUT25OG
					Yellow	50	XBUT25YE
					Red	50	XBUT25RD
					White	50	XBUT25WH
					Black	50	XBUT25BK
6.2 mm	10 AWG/4 mm ²	800/41/26–10	750/30/38/26–10	600/30/26–10	Gray	50	XBUT4
					Blue	50	XBUT4BU
					Orange	50	XBUT4OG
					Yellow	50	XBUT4YE
					Red	50	XBUT4RD
					White	50	XBUT4WH
					Black	50	XBUT4BK
					Green	50	XBUT4GN
					Brown	50	XBUT4BN
8.2 mm	8 AWG/6 mm ²	800/57/24–8	750/40/50/24–8	600/50/24–8	Violet	50	XBUT4VT
					Gray	50	XBUT6
					Blue	50	XBUT6BU
					Red	50	XBUT6RD
					White	50	XBUT6WH
					Black	50	XBUT6BK
10.2 mm	6 AWG/10 mm ²	1000/76/20–6	750/54/69/20–6	600/65/20–6	Green	50	XBUT6GN
					Gray	50	XBUT10
					Blue	50	XBUT10BU
					Orange	50	XBUT10OG
					Yellow	50	XBUT10YE
					Red	50	XBUT10RD
12 mm	4 AWG/16 mm ²	1000/101/17–4	—	600/85/16–4	Gray	50	XBUT16
					Blue	50	XBUT16BU
16 mm	0 AWG/35 mm ²	1000/150/15–0	—	600/150/14–1/0	Gray	50	XBUT35
					Blue	50	XBUT35BU

Accessories

Screw Connection Single Level—Through-Feed

Description	Color	Number of Positions	Standard Pack	XBUT25 Catalog Number	XBUT4 Catalog Number	XBUT6 Catalog Number	XBUT10 Catalog Number	XBUT16 Catalog Number	XBUT35 Catalog Number
End cover	Gray	—	50	XBACUT10	XBACUT10	XBACUT10	XBACUT10	XBACUT16	①
Partition plate	Gray	—	50	XBATUT10	XBATUT10	XBATUT10	XBATUT10	—	—
Plug-in bridge— for cross connections in the bridge shaft	Red	2	10	XBAFBS25	XBAFBS26	XBAFBS28	XBAFBS210	XBAFBS212	XBAFBS216
		3	50	XBAFBS35	XBAFBS36	—	—	—	—
		5	50	XBAFBS55	XBAFBS56	—	—	—	—
		10	10	XBAFBS105	XBAFBS106	—	—	—	—
		50	10	XBAFBS505	XBAFBS506	—	—	—	—
Test adapter	—	—	10	XBATSPAI4	XBATSPAI4	XBATSPAI4	—	—	—
2.3 mm diameter test plug	—	—	—	XBATSMPS- ^①	XBATSMPS- ^①	—	—	—	—
Modular test plug	—	—	10	XBATSPS5	XBATSPS6	XBATSPS8	—	—	—
Blank marker strip (strip of 10)	White	—	10	XBMZB5 ^②	XBMZB6 ^②	XBMZB8 ^②	XBMZB10 ^②	XBMZB12 ^②	XBMZB15 ^②

Notes

① Enclosed block, no end cover needed.

② For information on Printed Marking Tag Options, see **Page V7-T8-97**.

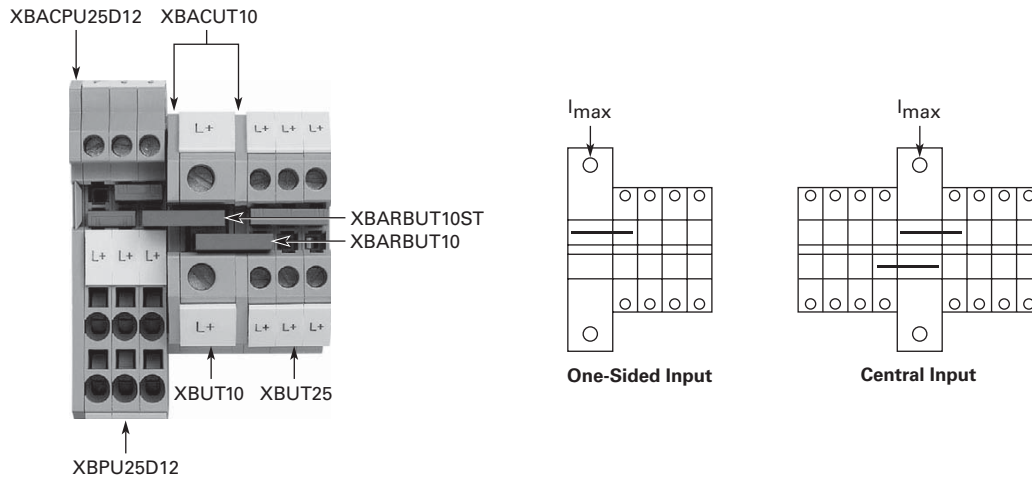
For additional accessories, see **Page V7-T8-90**.

8.1

Terminal Blocks, Fuse Blocks and Fuse Holders

IEC—XB Series

XBUT with Reducing Bridge



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Step-Down Bridge with Standard Feed-Through Terminal Blocks

Input Terminal Blocks	Cross-Section	Pick-Off Terminal Blocks	Cross-Section AWG (mm ²)	One-Sided Input I_{max}	Central Input I_{max}	Bridge Catalog Number
XBUT10	6 AWG (10 mm ²)	XBUT25	12 (2.5)	40	65	XBARBUT10
		XBUT4	10 (4)	45	65	XBARBUT10
		XBPT25	12 (2.5)	40	65	XBARBUT10ST
		XBPT4	10 (4)	45	65	XBARBUT10ST
		XBQT15	14 (1.5)	35	65	XBARBUT10ST
		XBQT25	12 (2.5)	40	65	XBARBUT10ST
XBUT16	4 AWG (16 mm ²)	XBUT25	12 (2.5)	40	80	XBARBUT16
		XBUT4	10 (4)	45	90	XBARBUT16
		XBPT25	12 (2.5)	40	80	XBARBUT16ST
		XBPT4	10 (4)	45	90	XBARBUT16ST
		XBQT15	14 (1.5)	35	70	XBARBUT16ST
		XBQT25	12 (2.5)	40	80	XBARBUT16ST

Technical Data and Specifications

Screw Connection Single Level—Through-Feed

Description	XBUT25	XBUT4	XBUT6	XBUT10	XBUT16	XBUT35
Technical Data in Accordance with IEC						
Maximum load current in A/cross-section in mm ²	32/4	41/6	57/10	76/16	101/25	150/50
Rated surge voltage in kV/contamination class	8/3	8/3	8/3	8/3	8/3	8/3
Surge voltage category/insulating material group	III/II	III/I	III/I	III/I	III/I	III/I
Connection Capacity						
Stranded with ferrule/with ferrule and plastic sleeve in mm ²	0.25–2.5/0.25–2.5	0.25–4/0.25–4	0.25–6/0.25–6	0.5–10/0.5–10	1.0–16/1.0–16	1.5–35/1.5–35
Multi-Conductor Connection (same cross-section)						
Solid/stranded in mm ²	0.14–1.5/0.14–1.5	0.14–1.5/0.14–1.5	0.2–2.5/0.2–2.5	0.5–4/0.5–4	1.0–6/1.0–4	1.5–16/1.5–10
Stranded with ferrules without plastic sleeve in mm ²	0.25–1.5	0.25–1.5	0.25–1.5	0.5–2.5	1.0–4	1.5–10
Stranded with twin ferrule with plastic sleeve in mm ²	0.5–1.5	0.5–2.5	0.5–4	0.5–6	0.75–10	1.5–10
Stripping length in inches (mm)	0.35 (9)	0.35 (9)	0.39 (10)	0.39 (10)	0.39 (10)	0.63 (16)
Thread	M3	M3	M4	M4	M5	M6
Torque in in-lb (Nm)	5.3–7.1 (0.6–0.8)	5.3–7.1 (0.6–0.8)	13.3–15.9 (1.5–1.8)	13.3–15.9 (1.5–1.8)	22.1–26.6 (2.5–3)	28.3–32.7 (3.2–3.7)

Dimensions

Approximate Dimensions in Inches (mm)

Screw Connection Single Level—Through-Feed

Catalog Number	Width	Length	Cover Width	Height for—	
				35 x 7.5 in	35 x 15 in
XBUT25	0.20 (5.2)	1.85 (46.9)	0.09 (2.2)	1.87 (47.5)	2.17 (55.0)
XBUT4	0.24 (6.2)	1.85 (46.9)	0.09 (2.2)	1.87 (47.5)	2.17 (55.0)
XBUT6	0.32 (8.2)	1.85 (46.9)	0.09 (2.2)	1.87 (47.5)	2.17 (55.0)
XBUT10	0.40 (10.2)	1.85 (46.9)	0.09 (2.2)	1.87 (47.5)	2.17 (55.0)
XBUT16	0.47 (12.0)	2.08 (52.8)	0.09 (2.2)	2.16 (54.8)	2.45 (62.3)
XBUT35	0.63 (16.0)	2.37 (60.2)	—	2.59 (65.7)	2.88 (73.2)

Notes

- ① XBUT35 has an enclosed design. The use of an end cover is not required.
 ② For information on Printed Marking Tag Options, see **Page V7-T8-97**.