

B2T 2.5 VL BL

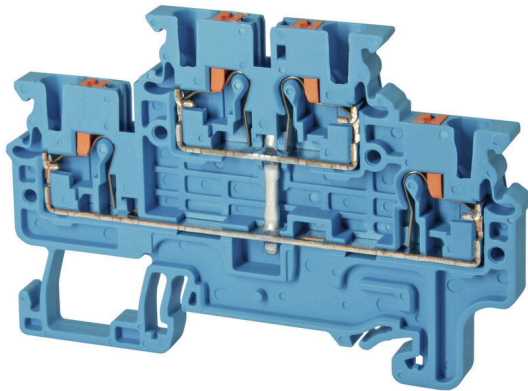
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Feed-through terminal, PUSH IN, 2.5, 800, 24, blue
Order No.	2791130000
Type	B2T 2.5 VL BL
GTIN (EAN)	4064675070320
Qty.	50 items
Delivery status	This article will no longer be available in the future.
Available until	2025-12-31T00:00:00+01:00
Alternative product	B2T 2.5N VL BL
Local product	Only available in certain countries

B2T 2.5 VL BL

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform
 UL File Number Search [UL Website](#)
 Certificate No. (cURus) E60693

General ordering data

Local product Only available in certain countries

Dimensions and weights

Depth	49.55 mm	Depth (inches)	1.9508 inch
Height	72.7 mm	Height (inches)	2.8622 inch
Width	5 mm	Width (inches)	0.1968 inch
Net weight	10.6 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
----------------------------------	--------	----------------------------------	--------

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Material data

Basic material	PA 66/6	Colour	blue
Colour of operational elements	orange	UL 94 flammability rating	V-0

System specifications

End cover plate required	Yes	Number of potentials	1
Number of levels	2	Number of clamping points per level	2
Mounting rail	TS 35	N-function	No
PE function	No	PEN function	No

Additional technical data

Snap-on	No	Type of fixing	Snap-on
Type of mounting	TS 35		

Conductors for clamping (additional connection)

Connection type, additional connection PUSH IN

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm

B2T 2.5 VL BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Type of connection 2	PUSH IN	Type of connection	PUSH IN
Number of connections	4	Clamping range, max.	2.5 mm ²
Clamping range, min.	0.2 mm ²	Blade size	0.6 x 3.5 mm
Wire connection cross section AWG, min.	AWG 24	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.2 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.2 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
Wire connection cross section, finely stranded, min.	0.2 mm ²	Connection cross-section, stranded, max.	2.5 mm ²
Connection cross-section, stranded, min.	0.2 mm ²	Wire connection cross-section, solid core, max.	2.5 mm ²
Wire connection cross-section, solid core, min.	0.2 mm ²	Connection cross-section, finely stranded, min.	0.2 mm ²

General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 24
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage	800 V
Nominal current	24 A	Volume resistance according to IEC 60947-7-x	1.33 mΩ
Rated impulse withstand voltage	8 kV	Surge voltage category	III
Pollution severity	3		

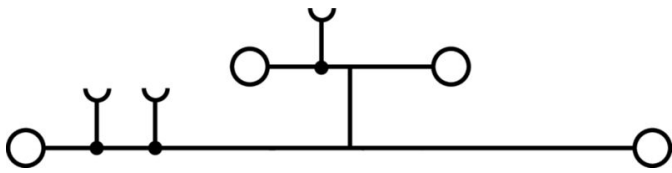
UL rating data

Certificate No. (cURus)	E60693		
-------------------------	--------	--	--

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-02
ECLASS 15.0	27-25-01-02		

Drawings



Accessories

General ordering data

Type	BEP 2T 2.5	Version
Order No.	2791160000	B-series, End plate
GTIN (EAN)	4064675070351	
Qty.	50 ST	
Type	BEP 2T 2.5 BL	Version
Order No.	2791170000	B-series, End plate
GTIN (EAN)	4064675070368	
Qty.	50 ST	
Type	BCC 2.5/2	Version
Order No.	2791180000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles: 2, Pitch in mm (P): 5.00, Insulated: Yes, Width: 8.5 mm
GTIN (EAN)	4064675070375	
Qty.	100 ST	
Type	BCC 2.5/3	Version
Order No.	2791190000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles: 3, Pitch in mm (P): 5.00, Insulated: Yes, Width: 13.5 mm
GTIN (EAN)	4064675070382	
Qty.	50 ST	
Type	BCC 2.5/4	Version
Order No.	2791200000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles: 4, Pitch in mm (P): 5.00, Insulated: Yes, Width: 18.5 mm
GTIN (EAN)	4064675070399	
Qty.	50 ST	
Type	BCC 2.5/10	Version
Order No.	2791210000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles: 10, Pitch in mm (P): 5.00, Insulated: Yes, Width: 48.5 mm
GTIN (EAN)	4064675070405	
Qty.	10 ST	
Type	SAKEW 35	Version
Order No.	1129450000	End and partition plate for terminals, grey, Height: 50 mm, Width: 8.5 mm, V-0, PA 66/6
GTIN (EAN)	4032248970612	
Qty.	50 ST	

B2T 2.5 VL BL

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Blank



MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

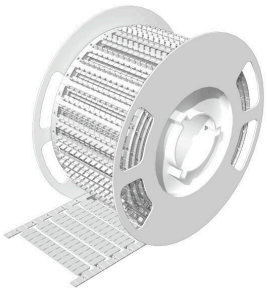
- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

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

General ordering data

Type	MF 10/5 MC NE WS	Version	
Order No.	1677160000	MultiFit, Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 Phoenix,	
GTIN (EAN)	4008190475505	Wieland, Legrand, Telemecanique, Entrellec, white	
Qty.	600 ST		

BLM



General ordering data

Type	BLM 10/5 BTB	Version	
Order No.	2857780000	Terminal marker, 10 x 5 mm, Pitch in mm (P): 5.00 white	
GTIN (EAN)	4064675539339		
Qty.	2184 ST		