

B3C 2.5N BL

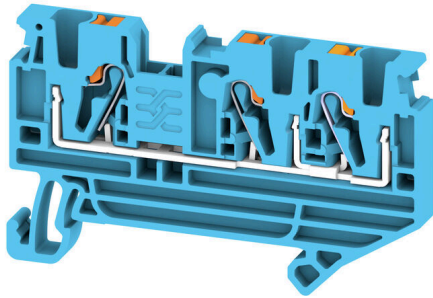
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



General ordering data

Version	Feed-through terminal, PUSH IN, 2.5, 24, blue
Order No.	3039580000
Type	B3C 2.5N BL
GTIN (EAN)	4099987008976
Qty.	100 items

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Technical data**Approvals**

Approvals

UL File Number Search [UL Website](#)
Certificate No. (UR) E60693**Dimensions and weights**

Depth	36.5 mm	Depth (inches)	1.437 inch
Depth including DIN rail	37 mm	Height	61 mm
Height (inches)	2.4016 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	7.02 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product ComplianceRoHS Compliance Status Compliant without exemption
REACH SVHC No SVHC above 0.1 wt%**Material data**

Basic material	PA 66	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	1	Number of clamping points per level	3
Number of potentials per tier	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35
N-function	No	PE function	No
PEN function	No		

Additional technical data

With snap-in pegs	No	Open sides	right
Snap-on	No	Type of fixing	Snap-on
Explosion-tested version	No	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
Connection direction	top
Stripping length	10 mm
Type of connection	PUSH IN
Number of connections	2

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Blade size	0.6 x 3.5 mm		
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.	0.5 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.	0.5 mm ²		
Wire connection cross section, finely stranded, max.	2.5 mm ²		
Wire connection cross section, finely stranded, min.	0.5 mm ²		
Connection cross-section, stranded, max.	2.5 mm ²		
Connection cross-section, stranded, min.	0.5 mm ²		
Twin wire-end ferrules, max.	0.75 mm ²		
Twin wire-end ferrules, min.	0.5 mm ²		
Wire connection cross-section, solid core, max.	2.5 mm ²		
Wire connection cross-section, solid core, min.	0.5 mm ²		
Tube length for wire-end ferrule with plastic collar DIN 46228/4	Cross-section for conductor connection	min.	0.5 mm ²
		max.	2.5 mm ²
Tube length for wire-end ferrule without plastic collar DIN 46228/1	Cross-section for conductor connection	min.	0.5 mm ²
		max.	2.5 mm ²

General

Standards	IEC 60947-7-1	Mounting rail	TS 35
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Rating data

Rated cross-section	2.5 mm ²	Nominal current	24 A
Current at maximum wires	24 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Power loss in accordance with IEC 60947-7-x	0.77 mW
Surge voltage category	III	Pollution severity	3

UL rating data

Voltage size B (UR)	600 V	Wire cross section min. (UR)	20 AWG
Current size B (UR)	20 A	Wire cross section max. (UR)	12 AWG
Current size D (UR)	5 A	Current size C (UR)	20 A
Voltage size C (UR)	600 V	Certificate No. (UR)	E60693
Voltage size D (UR)	600 V		

Classifications

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

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Accessories

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Accessories

General ordering data

Type	BCC 2.5N/2	Version
Order No.	3040570000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles:
GTIN (EAN)	4099987010245	2, Pitch in mm (P): 5.10, Insulated: Yes, Width: 8.6 mm
Qty.	50 ST	
Type	BCC 2.5N/3	Version
Order No.	3040590000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles:
GTIN (EAN)	4099987010252	3, Pitch in mm (P): 5.10, Insulated: Yes, Width: 13.7 mm
Qty.	50 ST	
Type	BCC 2.5N/4	Version
Order No.	3040610000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles:
GTIN (EAN)	4099987010269	4, Pitch in mm (P): 5.10, Insulated: Yes, Width: 18.8 mm
Qty.	50 ST	
Type	BCC 2.5N/10	Version
Order No.	3040630000	Cross-connector (terminal), Plugged, orange, 24 A, Number of poles:
GTIN (EAN)	4099987010276	10, Pitch in mm (P): 5.10, Insulated: Yes, Width: 49.4 mm
Qty.	20 ST	
Type	BEP 3C 2.5N	Version
Order No.	3040530000	B-series, End plate
GTIN (EAN)	4099987010207	
Qty.	50 ST	
Type	BEP 3C 2.5N BL	Version
Order No.	3040540000	B-series, End plate
GTIN (EAN)	4099987010214	
Qty.	50 ST	
Type	BEB 35	Version
Order No.	3076100000	B-series, End bracket
GTIN (EAN)	4099987079969	
Qty.	50 ST	