

## B4C 2.5N

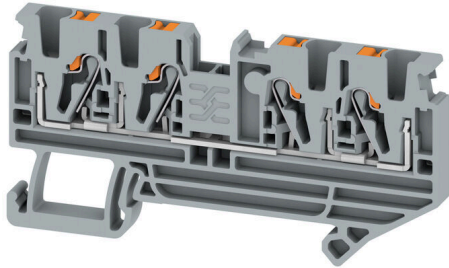
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



### General ordering data

Version	Feed-through terminal, PUSH IN, 2.5, 24, grey
Order No.	<a href="#">303960000</a>
Type	B4C 2.5N
GTIN (EAN)	4099987008983
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	72 mm
Height (inches)	2.8346 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	8.76 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 Compliance

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

## Material data

Basic material	PA 66	Colour	grey
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	4
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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## Technical data

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

### General

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

Rated cross-section	2.5 mm <sup>2</sup>	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

## Accessories

## General ordering data

Type	BCC 2.5N/2	Version
Order No.	<a href="#">3040570000</a>	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.	<a href="#">3040590000</a>	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.	<a href="#">3040610000</a>	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.	<a href="#">3040630000</a>	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	BEB 35	Version
Order No.	<a href="#">3076100000</a>	B-series, End bracket
GTIN (EAN)	4099987079969	
Qty.	50 ST	
Type	BEP 4C 2.5N	Version
Order No.	<a href="#">3040550000</a>	B-series, End plate
GTIN (EAN)	4099987010221	
Qty.	50 ST	
Type	BEP 4C 2.5N BL	Version
Order No.	<a href="#">3040560000</a>	B-series, End plate
GTIN (EAN)	4099987010238	
Qty.	50 ST	