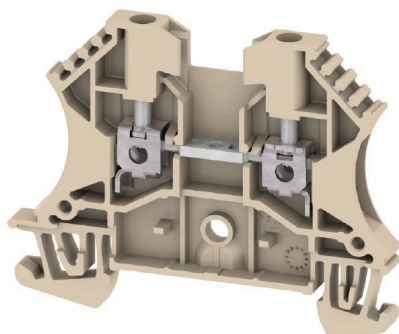


**WDU 2.5 NUC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

**General ordering data**

Version	Feed-through terminal block, Screw connection, dark beige, 2.5 mm <sup>2</sup> , 32 A, 800 V, Number of connections: 2
Order No.	<a href="#">1548460000</a>
Type	WDU 2.5 NUC
GTIN (EAN)	4050118353884
Qty.	100 items

## Technical data

### Approvals

Approvals



ROHS	Conform
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### Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.8307 inch
Height	46.5 mm	Height (inches)	1.8307 inch
Width	5.1 mm	Width (inches)	0.2008 inch
Net weight	7.51 g		

### Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

### Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption		
REACH SVHC	No SVHC above 0.1 wt%		
Product Carbon Footprint	Cradle to gate	0,486 kg CO2 eq.	

### Material data

Basic material	Wemid	Insulating material	Wemid
Colour	dark beige	UL 94 flammability rating	V-0

### System specifications

Version	Screw connection, for plug-in cross-connector, for screwable cross-connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
Mounting rail	TS 35		

### Additional technical data

Explosion-tested version	No
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### Conductors for clamping (additional connection)

Connection type, additional connection	Screw connection
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### Conductors for clamping (rated connection)

Wire connection cross section AWG, max.	AWG 12	Stripping length	10 mm
Type of connection	Screw connection	Number of connections	2

### Technical data

Clamping range, max.	4 mm <sup>2</sup>	Clamping range, min.	0.05 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 30	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.	4 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	4 mm <sup>2</sup>
Connection cross-section, stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross-section, solid core, max.	4 mm <sup>2</sup>
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>		

### General

Wire connection cross section AWG, max.	AWG 12	Wire connection cross section AWG, min.	AWG 30
Standards	IEC 60947-7-1	Mounting rail	TS 35

### Rating data

Rated cross-section	2.5 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Nominal current	32 A
Current at maximum wires	32 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 W

### 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

## End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

## General ordering data

Type	WAP 2.5-10/0.5MM	Version	
Order No.	<a href="#">1966380000</a>	End plate for terminals, dark beige, Height: 54.5 mm, Width: 0.35 mm, V-O, Wemid, Snap-on: Yes	
GTIN (EAN)	4032248688616		
Qty.	50 ST		

## Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

## General ordering data

Type	WQV 16N-2.5	Version	
Order No.	<a href="#">1073100000</a>	Cross-connector (terminal), when screwed in, yellow, 76 A, Number of poles: 2, Pitch in mm (P): 11.90, Insulated: Yes, Width: 13 mm	
GTIN (EAN)	4008190489847		
Qty.	10 ST		