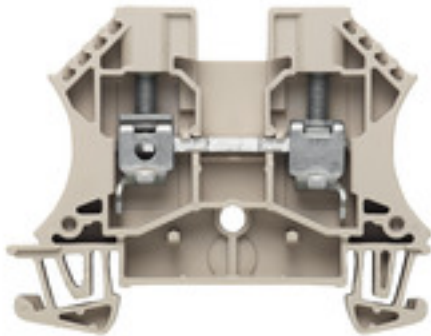


**WDU 6 PACK****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

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, 6 mm <sup>2</sup> , 800 V, 41 A, Number of connections: 2
Order No.	<a href="#">1781740000</a>
Type	WDU 6 PACK
GTIN (EAN)	4032248174706
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	46.5 mm	Depth (inches)	1.831 inch
Depth including DIN rail	47 mm	Height	46.5 mm
Height (inches)	1.831 inch	Width	89 mm
Width (inches)	3.504 inch	Net weight	182 g

## Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		
Continuous operating temp., min.	-60 °C	Continuous operating temp., max.	130 °C

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	DEMKO14ATEX1338U	Certificate No. (IECEX)	IECEXULD14.0005U
Max. voltage (ATEX)	690 V	Current (ATEX)	41 A
Wire cross section max. (ATEX)	10 mm <sup>2</sup>	Max. voltage (IECEX)	690 V
Current (IECEX)	41 A	Wire cross section max. (IECEX)	10 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

## System specifications

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

## Additional technical data

Explosion-tested version	Yes	Type of mounting	Snap-on
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## Conductors for clamping (additional connection)

Connection type, additional connection Screw connection

## Conductors for clamping (rated connection)

Blade size 0.8 x 4.0 mm

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## Technical data

Clampable conductor	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	solid, H05(07) V-U		
		min.	0.5 mm <sup>2</sup>		
		max.	10 mm <sup>2</sup>		
		nominal	6 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
	Cross-section for conductor connection	Type	stranded, H07V-R		
		min.	1.5 mm <sup>2</sup>		
		max.	10 mm <sup>2</sup>		
		nominal	6 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	12 mm	
			max.	12 mm	
			nominal	12 mm	
		Tightening torque	min.	0.8 Nm	
			max.	1.6 Nm	
		Recommended wire-end ferrule			
	Connection specification		Screw connection		
Cross-section for conductor connection	Type	flexible, H05(07) V-K			
	min.	0.5 mm <sup>2</sup>			
	max.	10 mm <sup>2</sup>			
	nominal	6 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	12 mm		
		max.	12 mm		
		nominal	12 mm		
	Tightening torque	min.	0.8 Nm		
		max.	1.6 Nm		
	Recommended wire-end ferrule				
Clamping range, min.	0.22 mm <sup>2</sup>				
Clamping screw	M 3.5				
Connection cross-section, stranded, max.	10 mm <sup>2</sup>				
Number of connections	2				
Stripping length	12 mm				
Type of connection	Screw connection				
Wire connection cross section, finely stranded, max.	10 mm <sup>2</sup>				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	6 mm <sup>2</sup>				
Wire connection cross-section, solid core, max.	10 mm <sup>2</sup>				

## General

Rail	TS 35
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## Technical data

## Rating data

Rated cross-section	6 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	41 A
Volume resistance according to IEC 60947-7-x	0.78 mΩ	Power loss in accordance with IEC 60947-7-x	1.31 W

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01

## Environmental Product Compliance

REACH SVHC /

## Approvals

Approvals



ROHS Conform

## Downloads

Approval/Certificate/Document of Conformity	<a href="#">IECEx Certificate</a> <a href="#">CB Testreport</a> <a href="#">CB Certificate</a> <a href="#">16-AV4BO-0265U</a> <a href="#">ATEX Certificate</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings

