

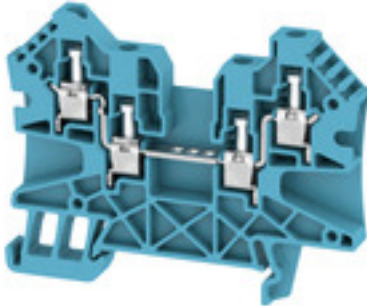
**WDU 4/ZZ BL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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, Screw connection, 4 mm <sup>2</sup> , 800 V, 32 A, blue
Order No.	<a href="#">1114720000</a>
Type	WDU 4/ZZ BL
GTIN (EAN)	4032248893171
Qty.	50 pc(s).

Creation date February 5, 2024 10:36:43 AM CET

Catalogue status 27.01.2024 / We reserve the right to make technical changes.

## WDU 4/ZZ BL

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

Depth	53 mm	Depth (inches)	2.087 inch
Depth including DIN rail	53.5 mm	Height	70 mm
Height (inches)	2.756 inch	Width	6.1 mm
Width (inches)	0.24 inch	Net weight	14.52 g

### Temperatures

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

### Material data

Material	Wemid	Colour	blue
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)	32 A
Wire cross section max. (ATEX)	4 mm <sup>2</sup>	Max. voltage (IECEX)	690 V
Current (IECEX)	32 A	Wire cross section max. (IECEX)	4 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

### System specifications

Version	Screw connection, Twin connection, for plug-in cross-connector, One end without connector	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
Rail	TS 35		

### 2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm <sup>2</sup>
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm <sup>2</sup>	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm <sup>2</sup>

### Additional technical data

Explosion-tested version	Yes	Open sides	right
Type of mounting	Snap-on		

### Conductors for clamping (rated connection)

Blade size	0.6 x 3.5 mm
------------	--------------

## WDU 4/ZZ BL

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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.	6 mm <sup>2</sup>		
	wire end ferrule	Stripping length	min.	10 mm	
			max.	10 mm	
			nominal	10 mm	
	Tightening torque	min.	0.5 Nm		
		max.	0.8 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.	4 mm <sup>2</sup>			
	nominal	4 mm <sup>2</sup>			
wire end ferrule	Stripping length	min.	10 mm		
		max.	10 mm		
		nominal	10 mm		
	Tightening torque	min.	0.5 Nm		
max.		0.8 Nm			
Recommended wire-end ferrule					
Clamping range, max.	6 mm <sup>2</sup>				
Clamping range, min.	0.05 mm <sup>2</sup>				
Clamping screw	M 3				
Connection direction	on side				
Gauge to IEC 60947-1	A4				
Number of connections	4				
Stripping length	10 mm				
Tightening torque, max.	0.8 Nm				
Tightening torque, min.	0.5 Nm				
Type of connection	Screw connection				
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>				
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 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, solid core, max.	6 mm <sup>2</sup>				
Wire connection cross-section, solid core, min.	0.5 mm <sup>2</sup>				

### Dimensions

TS 35 offset 32 mm

### General

Rail TS 35 Standards IEC 60947-7-1

## WDU 4/ZZ BL

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

www.weidmueller.com

## Technical data

### Rating data

Rated cross-section	4 mm <sup>2</sup>	Rated voltage	800 V
Rated DC voltage	800 V	Rated current	32 A
Current at maximum wires	32 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	1 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	1.02 W	Pollution severity	3

### UL rating data

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	10 AWG
Conductor size Factory wiring min. (cURus)	30 AWG	Conductor size Field wiring max. (cURus)	10 AWG
Conductor size Field wiring min. (cURus)	30 AWG	Current size B (cURus)	30 A
Current size C (cURus)	30 A	Voltage size B (cURus)	600 V
Voltage size C (cURus)	600 V		

### 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	27250101

### Approvals

Approvals



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

**WDU 4/ZZ BL**

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

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

**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">UKCA Ex Certificate</a> <a href="#">CE Declaration of Conformity</a> <a href="#">ATEX Certificate</a> <a href="#">UKCA declaration of conformity</a> <a href="#">Confirmation of Standards EN 45545-2_2020-10</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">Zuken E3.S</a>
User Documentation	<a href="#">NTI WDU/WPE 4 ZZ</a> <a href="#">StorageConditionsTerminalBlocks</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

**WDU 4/ZZ BL**

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

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

**Drawings**

