

**Bolt-type screw terminals  
WF 10/2BZ**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com

**Product image**



**Klippon® Connect with stud Technology**

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation..

**General ordering data**

Type	WF 10/2BZ
Order No.	<a href="#">1789790000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm <sup>2</sup> , Threaded stud connection
GTIN (EAN)	4032248251162
Qty.	10 pc(s).

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**Technical data****Dimensions and weights**

Width	33.8 mm	Width (inches)	1.331 inch
Height	87.6 mm	Height (inches)	3.449 inch
Depth	72.5 mm	Depth (inches)	2.854 inch
Net weight	221.75 g		

**Temperatures**

Storage temperature, max.	40 °C	Storage temperature, min.	10 °C
Storage temperature	10 °C...40 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

**Material data**

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

**System specifications**

Number of levels	1	Number of clamping points per level	3
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

**Additional technical data**

Explosion-tested version	No	Open sides	Open
Type of mounting	Snap-on		

**CSA rating data**

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	230 A
Voltage size C (CSA)	1000 V		

**Conductors for clamping (rated connection)**

2 x cable lugs DIN 46 234	6 to 120 mm <sup>2</sup>	2 x cable lugs DIN 46 235	10...95 mm <sup>2</sup>
Cable lug to DIN 46234	6...120 mm <sup>2</sup>	Cable lug to DIN 46235	10...95 mm <sup>2</sup>
Clamping range, max.	120 mm <sup>2</sup>	Clamping range, min.	6 mm <sup>2</sup>
Number of connections	3	Stud size for spade connection	M 10
Tightening torque, max.	20 Nm	Tightening torque, min.	10 Nm
Type of connection	Threaded stud connection		

**Rating data**

Rated cross-section	120 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	269 A	Current at maximum wires	269 A
Volume resistance according to IEC 60947-7-x	0.12 mΩ	Power loss in accordance with IEC 60947-7-x	8.61 W
Rated impulse withstand voltage	8 kV	Pollution severity	3

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**Technical data****Stud connection**

2 x cable lugs DIN 46 234	6 to 120 mm <sup>2</sup>	2 x cable lugs DIN 46 235	10...95 mm <sup>2</sup>
Cable lug to DIN 46234	6...120 mm <sup>2</sup>	Cable lug to DIN 46235	10...95 mm <sup>2</sup>
Stud size for spade connection	M 10	Tightening torque, max.	20 Nm
Tightening torque, min.	10 Nm		

**UL rating data**

Certificate No. (cURus)	E60693	Conductor size Factory wiring max. (cURus)	0000 AWG
Conductor size Factory wiring min. (cURus)	0000 AWG	Current size C (cURus)	230 A
Voltage size C (cURus)	1000 V		

**Classifications**

ETIM 6.0	EC000897	ETIM 7.0	EC000897
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20
eClass 10.0	27-14-11-20	UNSPSC	30-21-18-01

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CB Test Certificate</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a> <a href="#">DE_PT1004_20160418_839_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">StorageConditionsTerminalBlocks</a>

**Safety note**Safety notice [Safety Information](#)

**Data sheet**

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**Drawings**

