

**Bolt-type screw terminals  
WF 8**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
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**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 8
Order No.	<a href="#">1780860000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 50 mm <sup>2</sup> , Threaded stud connection
GTIN (EAN)	4032248219346
Qty.	25 pc(s).

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Catalogue status 05.09.2020 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Width	22.8 mm	Width (inches)	0.898 inch
Height	67 mm	Height (inches)	2.638 inch
Depth	63.5 mm	Depth (inches)	2.5 inch
Net weight	46.174 g		

### Temperatures

Storage temperature, max.	55 °C	Storage temperature, min.	-25 °C
Storage temperature	-25 °C...55 °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

Version	Single-stud terminals	End cover plate required	No
Number of levels	1	Number of clamping points per level	1
Levels cross-connected internally	No	PE connection	No
Rail	TS 35		

### Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

### CSA rating data

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	200 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	0 AWG
Wire cross section min. (CSA)	14 AWG		

### Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	2.5 to 50 mm <sup>2</sup>	2 x cable lugs DIN 46 235	6...35 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...50 mm <sup>2</sup>	Cable lug to DIN 46235	6...35 mm <sup>2</sup>
Clamping range, max.	50 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Number of connections	1	Stud size for spade connection	M 8
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Type of connection	Threaded stud connection		

### Rating data

Rated cross-section	50 mm <sup>2</sup>	Rated voltage	1,000 V
Voltage with epoxy resin partition plate	2,300 V	Rated current	150 A
Current at maximum wires	150 A	Volume resistance according to IEC 60947-7-x	0.21 mΩ
Power loss in accordance with IEC 60947-7-x	4.8 W	Rated impulse withstand voltage	8 kV
Impulse voltage with epoxy resin partition plate	12 kV	Pollution severity	3

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### Stud connection

2 x cable lugs DIN 46 234	2.5 to 50 mm <sup>2</sup>	2 x cable lugs DIN 46 235	6...35 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...50 mm <sup>2</sup>	Cable lug to DIN 46235	6...35 mm <sup>2</sup>
Impulse voltage with epoxy resin partition plate	12 kV	Stud size for spade connection	M 8
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Voltage with epoxy resin partition plate	2,300 V		

### UL rating data

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (UR)	0 AWG	Conductor size Factory wiring min. (UR)	14 AWG
Current size B (UR)	150 A	Current size C (UR)	150 A
Voltage size B (UR)	1000 V	Voltage size C (UR)	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_852_ISSUE01.pdf</a> <a href="#">Declaration of Conformity Terminals</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**

