

WF 8**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 50 mm ² , Threaded stud connection
Order No.	1780860000
Type	WF 8
GTIN (EAN)	4032248219346
Qty.	25 pc(s).

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Technical data

Dimensions and weights

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

Temperatures

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 ²	2 x cable lugs DIN 46 235	6...35 mm ²
Cable lug to DIN 46234	2.5...50 mm ²	Cable lug to DIN 46235	6...35 mm ²
Clamping range, max.	50 mm ²	Clamping range, min.	2.5 mm ²
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		

General

Rail	TS 35
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Rating data

Power loss in accordance with IEC 60947-7-x	4.8 W	Rated cross-section	50 mm ²
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	Rated impulse withstand voltage	8 kV
Impulse voltage with epoxy resin partition plate	12 kV	Pollution severity	3

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
UL_current_Print	150 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	0 AWG	UL_wire_min_Print	14 AWG
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	ECLASS 11.0	27-14-11-20

Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

Downloads

Approval/Certificate/Document of Conformity	CB Test Certificate CB Certificate EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD
User Documentation	StorageConditionsTerminalBlocks

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Drawings

