

WF 5**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: 16 mm ² , Threaded stud connection
Order No.	1790130000
Type	WF 5
GTIN (EAN)	4032248366637
Qty.	25 pc(s).

WF 5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	54.5 mm	Depth (inches)	2.146 inch
Height	67 mm	Height (inches)	2.638 inch
Net weight	20.214 g	Width	13 mm
Width (inches)	0.512 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	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	Open sides	Open
Type of mounting	Snap-on		

CSA rating data

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	85 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	4 AWG
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	0.1 to 16 mm ²	2 x cable lugs DIN 46 235	6...10 mm ²
Cable lug to DIN 46234	0.1...16 mm ²	Cable lug to DIN 46235	6...10 mm ²
Clamping range, max.	16 mm ²	Clamping range, min.	0.1 mm ²
Number of connections	1	Stud size for spade connection	M 5
Tightening torque, max.	4 Nm	Tightening torque, min.	2 Nm
Type of connection	Threaded stud connection		

General

Rail	TS 35
------	-------

Rating data

Power loss in accordance with IEC 60947-7-x	2.43 W	Rated cross-section	16 mm ²
Rated voltage	1,000 V	Rated current	76 A
Current at maximum wires	76 A	Volume resistance according to IEC 60947-7-x	0.42 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

WF 5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	4 AWG
Conductor size Factory wiring min. (UR)	10 AWG	Conductor size Field wiring max. (UR)	4 AWG
Conductor size Field wiring min. (UR)	10 AWG	Current size C (UR)	85 A
UL_current_Print	85 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	4 AWG	UL_wire_min_Print	10 AWG
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

WF 5

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

