

WF 10**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: 120 mm ² , Threaded stud connection
Order No.	1780870000
Type	WF 10
GTIN (EAN)	4032248219353
Qty.	20 pc(s).

WF 10

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.854 °C
Height	67 mm	Height (inches)	2.638 °C
Width	33.8 mm	Width (inches)	1.331 °C
Net weight	85.3 g		

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)	320 A
Voltage size C (CSA)	1000 V	Wire cross section max. (CSA)	250 kcmil
Wire cross section min. (CSA)	10 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	6 to 120 mm ²	2 x cable lugs DIN 46 235	10...95 mm ²
Cable lug to DIN 46234	6...120 mm ²	Cable lug to DIN 46235	10...95 mm ²
Clamping range, max.	120 Nm	Clamping range, min.	6 Nm
Number of connections	1	Stud size for spade connection	M 10
Tightening torque, max.	20 inch	Tightening torque, min.	10 inch
Type of connection	Threaded stud connection		

General

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

WF 10

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Rating data

Rated cross-section	120 Nm	Rated voltage	1,000 V
Rated DC voltage	1,000 mm ²	Voltage with epoxy resin partition plate	2,300 V
Rated current	269 A	Current at maximum wires	269 A
Volume resistance according to IEC 60947-7-x	0.12 °C	Rated impulse withstand voltage	8 kV
Impulse voltage with epoxy resin partition plate	12 kV	Power loss in accordance with IEC 60947-7-x	8.61 W
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Certificate No. (cURus)	E60693
Conductor size Factory wiring max. (UR)	250 kcmil	Conductor size Factory wiring min. (UR)	10 AWG
Current size B (UR)	255 A	Current size C (UR)	255 A
UL_current_Print	255 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	250 MBit/s	UL_wire_min_Print	10 A / 6 A / 10 A / 13 A / 15 A
Voltage size B (UR)	600 V	Voltage size C (UR)	1000 V

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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 all terminals
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format
Brochures	

WF 10

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

www.weidmueller.com

Drawings

