

**Bolt-type screw terminals  
WFF 300**

**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	WFF 300
Order No.	<a href="#">1028700000</a>
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 300 mm <sup>2</sup> , Threaded stud connection
GTIN (EAN)	4008190165017
Qty.	4 pc(s).

Creation date July 8, 2020 8:10:47 AM CEST

Catalogue status 08.07.2020 / We reserve the right to make technical changes.

**Bolt-type screw terminals**  
**WFF 300**

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

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

Width	55 mm	Width (inches)	2.165 inch
Height	163 mm	Height (inches)	6.417 inch
Depth	85.5 mm	Depth (inches)	3.366 inch
Depth including DIN rail	94 mm	Weight	552.15 g
Net weight	540.205 g		

**Temperatures**

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	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		

**Rating data IECEx/ATEX**

Certificate No. (ATEX)	KEMA98ATEX1684U	Certificate No. (IECEX)	IECEXKEM07.0053U
Max. voltage (ATEX)	1100 V	Current (ATEX)	452 A
Wire cross section max. (ATEX)	300 mm <sup>2</sup>	Max. voltage (IECEX)	1100 V
Current (IECEX)	452 A	Wire cross section max. (IECEX)	300 mm <sup>2</sup>
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	Ex eb II C Gb
Ex 2014/34/EU label	II 2 G D		

**System specifications**

End cover plate required	No	Number of levels	1
Number of clamping points per level	2	Levels cross-connected internally	No
PE connection	No	Rail	TS 35

**Additional technical data**

Explosion-tested version	Yes	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

**CSA rating data**

Certificate No. (CSA)	200039-1244019	Current size C (CSA)	510 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	600 kcmil
Wire cross section min. (CSA)	6 AWG		

**Bolt-type screw terminals  
WFF 300**

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

**Technical data**
**Conductors for clamping (rated connection)**

2 x cable lugs DIN 46 234	25 to 240 mm <sup>2</sup>	2 x cable lugs DIN 46 235	50...300 mm <sup>2</sup>
Cable lug to DIN 46234	25...240 mm <sup>2</sup>	Cable lug to DIN 46235	50...300 mm <sup>2</sup>
Clamping range, max.	300 mm <sup>2</sup>	Clamping range, min.	25 mm <sup>2</sup>
Number of connections	2	Stud size for spade connection	M 16
Tightening torque, max.	60 Nm	Tightening torque, min.	25 Nm
Type of connection	Threaded stud connection		

**Rating data**

Rated cross-section	300 mm <sup>2</sup>	Rated voltage	1,000
Rated current	520 A	Current at maximum wires	520 A
Volume resistance according to IEC 60947-7-x	0.06 mΩ	Power loss in accordance with IEC 60947-7-x	16.64 W
Rated impulse withstand voltage	8 kV	Pollution severity	3

**Stud connection**

2 x cable lugs DIN 46 234	25 to 240 mm <sup>2</sup>	2 x cable lugs DIN 46 235	50...300 mm <sup>2</sup>
Cable lug to DIN 46234	25...240 mm <sup>2</sup>	Cable lug to DIN 46235	50...300 mm <sup>2</sup>
Stud size for spade connection	M 16	Tightening torque, max.	60 Nm
Tightening torque, min.	25 Nm		

**UL rating data**

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	600 kcmil
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	600 kcmil
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	500 A
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

## Bolt-type screw terminals WFF 300

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

# Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">CB Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">POLSKIREJ certificate</a> <a href="#">DE_PT1004_20160418_869_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, Zuken E3.S</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Cross Connection Guide</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">WFF range for 1500 VDC applications</a> <a href="#">DIRECT MOUNTING WFF TERMINAL BLOCKS</a>

### Safety note

Safety notice	<a href="#">Safety Information</a>
---------------	------------------------------------