

**Bolt-type screw terminals  
WFF 300**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**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).

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**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	534.14 g		

**Temperatures**

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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**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 e II
Ex 2014/34/EU label	II 2 G D		

**System specifications**

Tightening torque (clamping screw for copper conductors)	25...60 Nm	End cover plate required	No
Number of levels	1	No. of clamping points per level	2
Levels cross-connected internally	No	PE connection	No
Mounting 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		

**Conductors for clamping (rated connection)**

2 x cable lugs DIN 46 234	25...240 mm <sup>2</sup>	2 x cable lugs DIN 46 235	50...240 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, rated connection, max.	300 mm <sup>2</sup>	Clamping range, rated connection, min.	25 mm <sup>2</sup>
Number of connections	2	Stud size for spade connection	M16
Tightening torque, max.	60 Nm	Tightening torque, min.	25 Nm
Type of connection	Threaded stud connection		

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**Technical data****Rating data**

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

**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 3.0	EC002020	ETIM 4.0	EC002020
ETIM 5.0	EC002020	ETIM 6.0	EC000897
UNSPSC	30-21-18-01	eClass 6.2	27-14-11-20
eClass 7.1	27-14-11-20	eClass 8.1	27-14-11-20
eClass 9.0	27-14-11-20	eClass 9.1	27-14-11-20

**Product information**

Descriptive text ordering data	1000 VDC rated voltage tested.
Descriptive text technical data	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.
Descriptive text accessories	WAH 185/300 in blue, Order no. 1064780000

**Approvals**

Approvals



ROHS Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CFAT_WFF 300.pdf</a> <a href="#">DE_PT1004_20160418_869_ISSUE01.pdf</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>

**Safety note**Safety notice [Safety Information](#)

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3