

**Bolt-type screw terminals
WFF 300**

Weidmüller Interface GmbH & Co. KG
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**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.	1028700000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 300 mm ² , 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	ATEX certificate	IECEXKEM07.0053U
ATEX certificate	KEMA98ATEX1684U_e.pdf	Certificate No. (IECEX)	IECEXKEM07.0053U
IEC Ex certificate	IECEXKEM07.0053U_e.pdf	Max. voltage (ATEX)	1100 V
Current (ATEX)	452 A	Wire cross section max. (ATEX)	300 mm ²
Max. voltage (IECEX)	1100 V	Current (IECEX)	452 A
Wire cross section max. (IECEX)	300 mm ²	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex e II

System specifications

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 ²	2 x cable lugs DIN 46 235	50...240 mm ²
Cable lug to DIN 46234	25...240 mm ²	Cable lug to DIN 46235	50...300 mm ²
Clamping range, rated connection, max.	300 mm ²	Clamping range, rated connection, min.	25 mm ²
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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Rated cross-section	300 mm ²	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	CFAT_WFF 300.pdf DE_PT1004_20160418_869_ISSUE01.pdf
Engineering Data	EPLAN_WSCAD_Zuken E3.S

Safety note

Safety notice	Safety Information
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