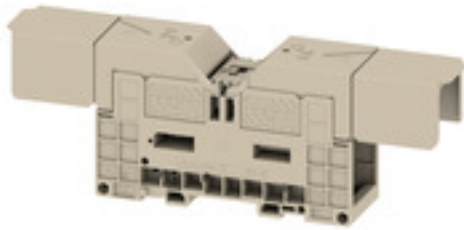


WFF 300/AH**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Similar to illustration

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: 300 mm ² , Threaded stud connection
Order No.	1029700000
Type	WFF 300/AH
GTIN (EAN)	4008190088347
Qty.	2 pc(s).

WFF 300/AH

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Technical data

Dimensions and weights

Depth	85.5 mm	Depth (inches)	3.366 °C
Depth including DIN rail	94 mm	Height	163 mm
Height (inches)	6.417 °C	Width	55 mm
Width (inches)	2.165 °C	Weight	599 g
Net weight	592.51 g		

Temperatures

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

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 ²	Max. voltage (IECEX)	1100 V
Current (IECEX)	452 A	Wire cross section max. (IECEX)	300 mm ²
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		

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Technical data

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	25 to 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, max.	300 Nm	Clamping range, min.	25 Nm
Number of connections	2	Stud size for spade connection	M 16
Tightening torque, max.	60 inch	Tightening torque, min.	25 inch
Type of connection	Threaded stud connection		

General

Rail	TS 35
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Rating data

Rated cross-section	300 Nm	Rated voltage	1,000 V
Rated DC voltage	1,000 mm ²	Rated current	520 A
Current at maximum wires	520 A	Volume resistance according to IEC 60947-7-x	0.06 °C
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	16.64 W
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
UL_current_Print	500 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	600 MBit/s	UL_wire_min_Print	6 A / 6 A / 10 A / 13 A / 15 A
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

WFF 300/AH

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Technical data

Downloads

Approval/Certificate/Document of
Conformity

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[CCC Ex Certificate](#)
[Declaration of Conformity](#)
[Declaration of Conformity all terminals](#)

Engineering Data

[STEP](#)

Engineering Data

[EPLAN, WSCAD, Zuken E3.S](#)

User Documentation

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Brochures