

**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 <sup>2</sup> , Threaded stud connection
Order No.	<a href="#">1029700000</a>
Type	WFF 300/AH
GTIN (EAN)	4008190088347
Qty.	2 pc(s).

Creation date March 22, 2021 3:40:56 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

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

## 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	ATEX certificate	KEMA98ATEX1684U_e.pdf
ATEX certificate	IECEXKEM07.0053U	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 <sup>2</sup>
Max. voltage (IECEX)	1100 V	Current (IECEX)	452 A
Wire cross section max. (IECEX)		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	300 mm <sup>2</sup>		
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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## 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...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, 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		

## General

Rail	TS 35
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## Rating data

Power loss in accordance with IEC 60947-7-x	16.64 W	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

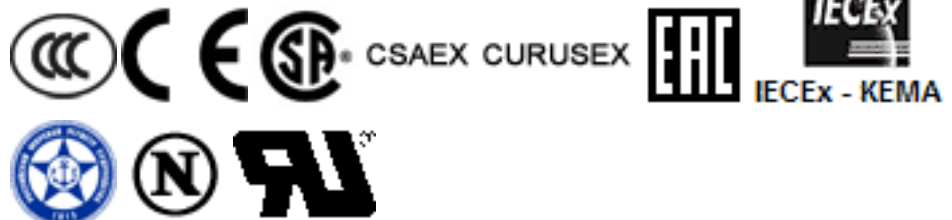
Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	600 kcmil
Conductor size Factory wiring min. (UR)	6 AWG	Conductor size Field wiring max. (UR)	600 kcmil
Conductor size Field wiring min. (UR)	6 AWG	Current size C (UR)	500 A
UL_current_Print	500 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	600 kcmil	UL_wire_min_Print	6 AWG
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	ECLASS 11.0	27-14-11-20

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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[www.weidmueller.com](http://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="#">MARITREG Certificate</a> <a href="#">CCC Ex Certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</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>