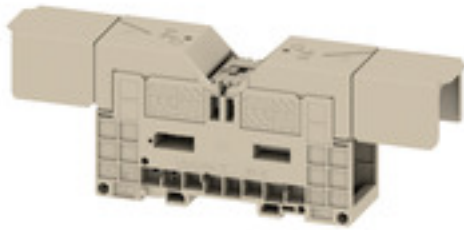


**Bolt-type screw terminals
WFF 185/AH**

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

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

Type	WFF 185/AH
Order No.	1029600000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 185 mm², Threaded stud connection
GTIN (EAN)	4008190106188
Qty.	2 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	89.5 mm	Depth (inches)	3.524 inch
Depth including DIN rail	87 mm	Weight	455 g
Net weight	466.43 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)	307 A
Wire cross section max. (ATEX)	185 mm ²	Max. voltage (IECEX)	1100 V
Current (IECEX)	307 A	Wire cross section max. (IECEX)	185 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)	360 A
Current size D (CSA)	5 A	Voltage size C (CSA)	600 V
Voltage size D (CSA)	600 V	Wire cross section max. (CSA)	500 kcmil
Wire cross section min. (CSA)	8 AWG		

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

2 x cable lugs DIN 46 234	10...185 mm ²
Cable lug to DIN 46234	10...240 mm ²
Clamping range, max.	240 mm ²
Number of connections	2
Tightening torque, max.	31 Nm
Type of connection	Threaded stud connection

2 x cable lugs DIN 46 235	25...185 mm ²
Cable lug to DIN 46235	25...240 mm ²
Clamping range, min.	10 mm ²
Stud size for spade connection	M 12
Tightening torque, min.	14 Nm

Rating data

Rated cross-section	185 mm ²
Rated current	353 A
Volume resistance according to IEC 60947-7-x	0.09 mΩ
Rated impulse withstand voltage	8 kV

Rated voltage	1,000 V
Current at maximum wires	415 A
Power loss in accordance with IEC 60947-7-x	11.3 W
Pollution severity	3

Stud connection

2 x cable lugs DIN 46 234	10...185 mm ²
Cable lug to DIN 46234	10...240 mm ²
Stud size for spade connection	M 12
Tightening torque, min.	14 Nm

2 x cable lugs DIN 46 235	25...185 mm ²
Cable lug to DIN 46235	25...240 mm ²
Tightening torque, max.	31 Nm

UL rating data

Certificate No. (UR)	E60693
Conductor size Factory wiring min. (UR)	8 AWG
Conductor size Field wiring min. (UR)	8 AWG
Voltage size C (UR)	1000 V

Conductor size Factory wiring max. (UR)	500 AWG
Conductor size Field wiring max. (UR)	500 AWG
Current size C (UR)	380 A

Classifications

ETIM 6.0	EC000897
eClass 9.0	27-14-11-20
eClass 10.0	27-14-11-20

ETIM 7.0	EC000897
eClass 9.1	27-14-11-20
UNSPSC	30-21-18-01

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	IECEX Certificate IECEX Certificate IECEX Certificate IECEX Certificate
	ATEX Certificate
	CB Certificate
	DE_PT1004_20160418_868_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S
Engineering Data	STEP
User Documentation	Cross Connection Guide
	StorageConditionsTerminalBlocks

Safety note

Safety notice	Safety Information
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