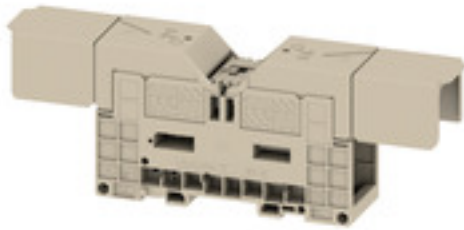


WFF 185/AH**Weidmüller Interface GmbH & Co. KG**

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: 185 mm ² , Threaded stud connection
Order No.	1029600000
Type	WFF 185/AH
GTIN (EAN)	4008190106188
Qty.	2 pc(s).

WFF 185/AH

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Technical data

Dimensions and weights

Depth	89.5 mm	Depth (inches)	3.524 inch
Depth including DIN rail	87 mm	Height	163 mm
Height (inches)	6.417 inch	Net weight	466.43 g
Weight	455 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)	307 A	Wire cross section max. (ATEX)	185 mm ²
Max. voltage (IECEX)	1100 V	Current (IECEX)	307 A
Wire cross section max. (IECEX)		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	185 mm ²		
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

General

Rail	TS 35
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Rating data

Power loss in accordance with IEC 60947-7-x	11.3 W	Rated cross-section	185 mm ²
Rated voltage	1,000 V	Rated current	353 A
Current at maximum wires	415 A	Volume resistance according to IEC 60947-7-x	0.09 mΩ
Rated impulse withstand voltage	8 kV	Pollution severity	3

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	500 AWG
Conductor size Factory wiring min. (UR)	8 AWG	Conductor size Field wiring max. (UR)	500 AWG
Conductor size Field wiring min. (UR)	8 AWG	Current size C (UR)	380 A
UL_current_Print	380 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	500 AWG	UL_wire_min_Print	8 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

WFF 185/AH

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Attestation of Conformity
	IECEX Certificate
	ATEX Certificate
	CB Certificate
	EAC certificate
	DNVGL certificate
	MARITREG Certificate
	CCC Ex Certificate
	Declaration of Conformity
	Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	Cross Connection Guide
	StorageConditionsTerminalBlocks
	WFF range for 1500 VDC applications
	DIRECT MOUNTING WFF TERMINAL BLOCKS