Bolt-type screw terminals
WFF 185 M12+M16

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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

Delivery status	Discontinued
Available until	2016-06-01
Type	WFF 185 M12+M16
Order No.	1028650000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 185 mm², Threaded stud connection
GTIN (EAN)	4008190107093
Qty.	4 Stück
Alternative product	1029600000

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Technische Daten

Dimensions and weights

Width	55 mm	Width (inches)	2.165 inch
Height	163 mm	Height (inches)	6.417 inch
Depth	77.5 mm	Depth (inches)	3.051 inch
Weight	369.89 g	Net weight	486.5 g

Temperatures

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

Marking EN 60079-7	Ex e II	Ex 2014/34/EU label	II 2 G D

System specifications

Tightening torque (clamping screw for copper conductors)	14...31 Nm	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

Conductors for clamping (rated connection)

Cable lug to DIN 46234	10...240 mm²	Cable lug to DIN 46235	25...240 mm²
Clamping range, rated connection, max.	240 mm²	Clamping range, rated connection, min.	10 mm²
Number of connections	2	Stud size for spade connection	M 12
Tightening torque, max.	31 Nm	Tightening torque, min.	14 Nm
Type of connection	Threaded stud connection		

Rating data

Rated cross-section	185 mm²	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		

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

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Product information

Descriptive text accessories	WAH 185/300 in blue, order no. 1064780000

Approvals

Approvals	
ROHS	Conform

Downloads

Engineering Data	WSCAD

Safety note

Safety notice	Safety Information