

Bolt-type screw terminals WFF 35/AH

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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

Type	WFF 35/AH
Order No.	1029300000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm ² , Threaded stud connection, Direct mounting
GTIN (EAN)	4008190139148
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Width	27 mm	Width (inches)	1.063 inch
Height	107 mm	Height (inches)	4.213 inch
Depth	51 mm	Depth (inches)	2.008 inch
Depth including DIN rail	59.5 mm	Weight	106.6 g
Net weight	94.52 g		

Temperatures

Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C
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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)	109 A
Wire cross section max. (ATEX)	35 mm ²	Max. voltage (IECEX)	1100 V
Current (IECEX)	109 A	Wire cross section max. (IECEX)	35 mm ²
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	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)	3...6 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	Installation advice	Direct mounting
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)	130 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	2 AWG
Wire cross section min. (CSA)	14 AWG		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	2.5...35 mm ²	2 x cable lugs DIN 46 235	6...25 mm ²
Cable lug to DIN 46234	2.5...50 mm ²	Cable lug to DIN 46235	6...25 mm ²
Clamping range, max.	50 mm ²	Clamping range, min.	2.5 mm ²
Number of connections	2	Stud size for spade connection	M 6
Tightening torque, max.	6 Nm	Tightening torque, min.	3 Nm
Type of connection	Threaded stud connection		

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Rated cross-section	35 mm ²	Rated voltage	1,000 V
Rated current	125 A	Current at maximum wires	150 A
Volume resistance according to IEC 60947-7-x	0.26 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	2 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	2 AWG
Conductor size Field wiring min. (UR)	14 AWG	Current size C (UR)	115 A
Voltage size C (UR)	1000 V		

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

Product information

Descriptive text ordering data	1000 VDC rated voltage tested.
Descriptive text technical data	1000 V UL and CSA for usage groups B and C: can be used with isolating terminal rails and when using WTW-type partitions.
Descriptive text accessories	WAH 35 in blue, Order no. 1064480000

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	CFAT_WFF 35.pdf DE_PT1004_20160418_875_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S

Safety note

 Safety notice [Safety Information](#)