Bolt-type screw terminals
WF 6 NFF

Weidmüller Interface GmbH & Co. KG
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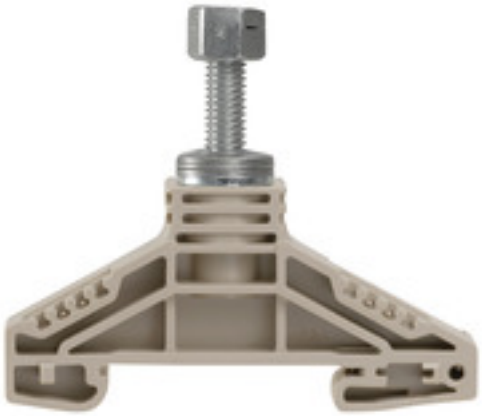
Product image



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	WF 6 NFF
Order No.	1969000000
Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm², Threaded stud connection
GTIN (EAN)	4032248726608
Qty.	25 pc(s).

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Technical data

Dimensions and weights

Width	17.8 mm	Width (inches)	0.701 inch
Height	67 mm	Height (inches)	2.638 inch
Depth	54.5 mm	Depth (inches)	2.146 inch
Net weight	29.76 g		

Temperatures

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		

System specifications

Version	Single-stud terminals	Tightening torque (clamping screw for copper conductors)	5.8...7 Nm
End cover plate required	No	Number of levels	1
No. of clamping points per level	1	Levels cross-connected internally	No
PE connection	No	Rail	TS 35

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	Open	Type of mounting	Snap-on

Conductors for clamping (rated connection)

Cable lug to DIN 46234	2.5...35 mm²	Cable lug to DIN 46235	6...35 mm²
Clamping range, max.	35 mm²	Clamping range, min.	2.5 mm²
Number of connections	1	Stud size for spade connection	M 6
Tightening torque, max.	7 Nm	Tightening torque, min.	5.8 Nm
Type of connection	Threaded stud connection		

Dimensions

TS 35 offset	31.5 mm

Rating data

Rated cross-section	35 mm²	Rated voltage	1,000 V
Voltage with epoxy resin partition plate	2,300 V	Rated current	125 A
Current at maximum wires	125 A	Volume resistance according to IEC 60947-7-x	0.26 mΩ
Rated impulse withstand voltage	8 kV	Impulse voltage with epoxy resin partition plate	12 kV
Pollution severity	3		

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Technical data

Stud connection

Cable lug to DIN 46234	2.5…35 mm²	Cable lug to DIN 46235	6…35 mm²
Impulse voltage with epoxy resin partition plate	12 kV	Stud size for spade connection	M 6
Tightening torque, max.	7 Nm	Tightening torque, min.	5.8 Nm
Voltage with epoxy resin partition plate	2,300 V		

Classifications

ETIM 3.0	EC002020	ETIM 4.0	EC000897
ETIM 5.0	EC000897	ETIM 6.0	EC000897
UNSPSC	30-21-18-11	eClass 5.1	27-14-11-20
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		

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	DE_PT1004_20160418_849_ISSUE01.pdf
Brochure/Catalogue	CAT 1 TERM 16/17 EN
Engineering Data	EPLAN, WSCAD
Engineering Data	STEP

Safety note

Safety notice	Safety Information