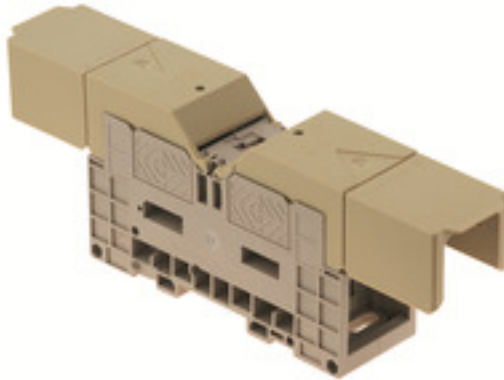


WFF 120 NFF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm². The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

General ordering data

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 120 mm ² , Threaded stud connection, Direct mounting, TS 35
Order No.	1049240000
Type	WFF 120 NFF
GTIN (EAN)	4050118255140
Qty.	4 pc(s).

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Technical data

Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.854 inch
Height	132 mm	Height (inches)	5.197 inch
Width	42 mm	Width (inches)	1.654 inch
Net weight	264.8 g		

Temperatures

Storage temperature	-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		

System specifications

End cover plate required	No	Number of potentials	1
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	No	Installation advice	Direct mounting, TS 35
Open sides	closed		

Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	6 to 120 mm ²	2 x cable lugs DIN 46 235	16... 120 mm ²
Cable lug to DIN 46234	6... 150 mm ²	Cable lug to DIN 46235	16... 150 mm ²
Clamping range, bolted connection , max.	150 mm ²	Clamping range, bolted connection , min.	6 mm ²
Clamping range, max.	150 mm ²	Clamping range, min.	6 mm ²
Connection cross-section, stranded, max.	150 mm ²	Connection cross-section, stranded, min.	6 mm ²
Connection direction	on side	Number of connections	2
Tightening torque, max.	36 Nm	Tightening torque, min.	30 Nm
Type of connection	Threaded stud connection	Wire connection cross section AWG, max.	kcmil 250
Wire connection cross section AWG, min.	AWG 8	Wire connection cross section, finely stranded, max.	150 mm ²
Wire connection cross section, finely stranded, min.	6 mm ²	Wire connection cross-section, solid core, max.	150 mm ²
Wire connection cross-section, solid core, min.	6 mm ²		

General

Installation advice	Direct mounting, TS 35	Rail	TS 35
Wire connection cross section AWG, max.	kcmil 250	Wire connection cross section AWG, min.	AWG 8

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Technical data

Rating data

Rated cross-section	120 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Rated current	269 A
Current at maximum wires	269 A	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Rated impulse withstand voltage	8 kV	Power loss in accordance with IEC 60947-7-x	8.61 W

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	EC000897	ETIM 9.0	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
ECLASS 12.0	27-14-11-20	ECLASS 13.0	27-25-01-01
ECLASS 14.0	27-25-01-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Approvals

Approvals



ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	CE Declaration of Conformity UKCA declaration of conformity Confirmation of Standards EN 45545-2_2020-10
Engineering Data	CAD data – STEP
User Documentation	StorageConditionsTerminalBlocks DIRECT MOUNTING WFF TERMINAL BLOCKS
Catalogues	Catalogues in PDF-format
Brochures	

WFF 120 NFF

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Drawings

