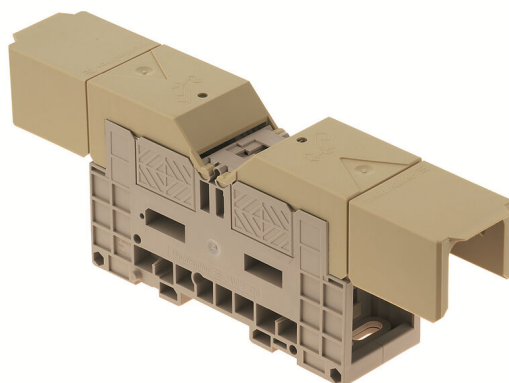


WFF 120 NFF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

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 items

Technical data

Approvals

Approvals



ROHS	Conform
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Dimensions and weights

Depth	72.5 mm	Depth (inches)	2.8543 inch
Height	132 mm	Height (inches)	5.1968 inch
Width	42 mm	Width (inches)	1.6535 inch
Net weight	264.8 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-50 °C...75 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

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

Material data

Basic 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
Mounting rail	TS 35		

Additional technical data

Open sides	closed	Installation advice	Direct mounting, TS 35
Explosion-tested version	No		

Conductors for clamping (rated connection)

Cable lug to DIN 46234	6...150 mm ²	Cable lug to DIN 46235	16...150 mm ²
Wire connection cross section AWG, max.	kcmil 250	Connection direction	on side
Tightening torque, max.	36 Nm	Tightening torque, min.	30 Nm
Type of connection	Threaded stud connection	Number of connections	2
Clamping range, max.	150 mm ²	Clamping range, min.	6 mm ²
Clamping range, bolted connection , max.	150.00 mm ²	Clamping range, bolted connection , min.	6 mm ²
Wire connection cross section AWG, min.	AWG 8	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	6 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	6 mm ²	Wire connection cross-section, finely stranded, max.	150 mm ²

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Technical data

Wire connection cross section, finely stranded, min.	6 mm ²	Connection cross-section, stranded, max.	150 mm ²
Connection cross-section, stranded, min.	6 mm ²	Stud size for spade connection	M 10
Wire connection cross-section, solid core, max.	150 mm ²	Wire connection cross-section, solid core, min.	6 mm ²
Connection cross-section, finely stranded (rated connection), min.	6 mm ²	2 x cable lugs DIN 46 235	16...120 mm ²
2 x cable lugs DIN 46 234	6 to 120 mm ²		

General

Wire connection cross section AWG, max.	kcmil 250	Installation advice	Direct mounting, TS 35
Wire connection cross section AWG, min.	AWG 8	Standards	IEC 60947-7-1
Mounting rail	TS 35		

Rating data

Rated cross-section	120 mm ²	Rated voltage	500 V
Rated DC voltage	500 V	Nominal current	269 A
Current at maximum wires	269 A	Standards	IEC 60947-7-1
Volume resistance	0.12 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	8.61 W		

Classifications

ETIM 8.0	EC000897	ETIM 9.0	EC000897
ETIM 10.0	EC000897	ECLASS 14.0	27-25-01-01
ECLASS 15.0	27-25-01-01		

Drawings

