

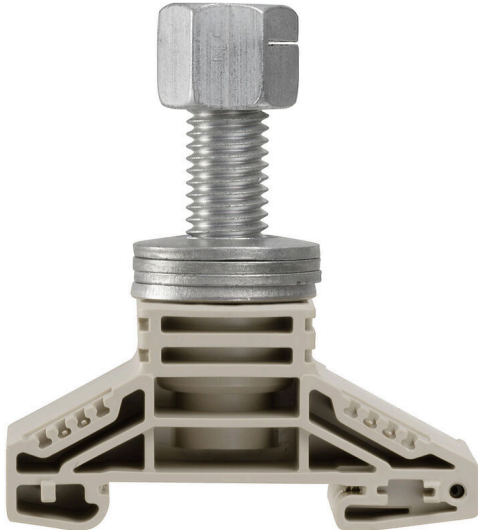
WF 12 NFF**Weidmüller Interface GmbH & Co. KG**

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
Order No.	1968940000
Type	WF 12 NFF
GTIN (EAN)	4032248671489
Qty.	20 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	70.5 mm	Depth (inches)	2.7756 inch
Height	67 mm	Height (inches)	2.6378 inch
Width	33.8 mm	Width (inches)	1.3307 inch
Net weight	124.95 g		

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °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

Version	Single-stud terminals	End cover plate required	No
Number of potentials	1	Number of levels	1
Number of clamping points per level	1	Levels cross-connected internally	No
PE connection	No	Mounting rail	TS 35

Additional technical data

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

Conductors for clamping (rated connection)

Cable lug to DIN 46234	6...120 mm ²	Cable lug to DIN 46235	10...95 mm ²
Wire connection cross section AWG, max.	kcmil 250	Connection direction	on side
Tightening torque, max.	60 Nm	Tightening torque, min.	50 Nm
Type of connection	Threaded stud connection	Number of connections	1
Clamping range, max.	120 mm ²	Clamping range, 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

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Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	6 mm ²	Wire connection cross section, finely stranded, max.	120 mm ²
Wire connection cross section, finely stranded, min.	6 mm ²	Connection cross-section, stranded, max.	120 mm ²
Connection cross-section, stranded, min.	6 mm ²	Stud size for spade connection	M 12
Wire connection cross-section, solid core, max.	120 mm ²	Wire connection cross-section, solid core, min.	6 mm ²
Connection cross-section, finely stranded, min.	6 mm ²	2 x cable lugs DIN 46 235	10...95 mm ²
2 x cable lugs DIN 46 234	6 to 120 mm ²		

Dimensions

TS 35 offset	31.5 mm
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General

Wire connection cross section AWG, max.	kcmil 250	Installation advice	Direct mounting
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	1000 V
Rated DC voltage	1000 V	Voltage with epoxy resin partition plate	2300 V
Nominal current	269 A	Current at maximum wires	269 A
Standards	IEC 60947-7-1	Volume resistance according to IEC 60947-7-x	0.12 mΩ
Rated impulse withstand voltage	8 kV	Impulse voltage with epoxy resin partition plate	12 kV
Power loss in accordance with IEC 60947-7-x	8.61 W	Pollution severity	3

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		

