

## WFF 70 BL

**Weidmüller Interface GmbH & Co. KG**

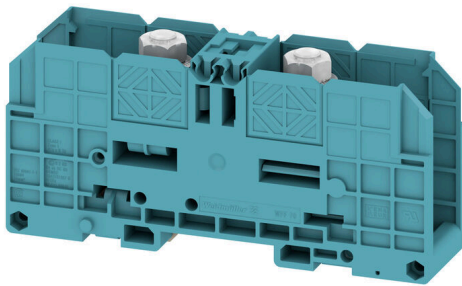
Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 70 mm <sup>2</sup> , Threaded stud connection, Direct mounting
Order No.	<a href="#">1028480000</a>
Type	WFF 70 BL
GTIN (EAN)	4008190073329
Qty.	10 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate No. (UR)	E60693
Certificate No. (cURusEX)	E184763

### Dimensions and weights

Depth	61 mm	Depth (inches)	2.4016 inch
Depth including DIN rail	69.5 mm	Height	132 mm
Height (inches)	5.1968 inch	Width	31.8 mm
Width (inches)	1.252 inch	Net weight	159.2 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	blue
UL 94 flammability rating	V-0		

### Rating data IECEx/ATEX

Certificate No. (IECEX)	IECEXULD15.0004U	Max. voltage (IECEX)	1100 V
Current (IECEX)	192 A	Wire cross section max. (IECEX)	70 mm <sup>2</sup>
Marking EN 60079-7	Ex eb II C Gb	Ex 2014/34/EU label	II 2 G D

### 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	Number of similar terminals	1
Installation advice	Direct mounting	Explosion-tested version	Yes
Type of mounting	Snap-on		

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### CSA rating data

Wire cross section max. (CSA)	00 AWG	Voltage size C (CSA)	600 V
Current size C (CSA)	170 A	Certificate No. (CSA)	200039-1244019
Wire cross section min. (CSA)	14 AWG		

### Conductors for clamping (rated connection)

Cable lug to DIN 46234	2.5...95 mm <sup>2</sup>	Cable lug to DIN 46235	16...70 mm <sup>2</sup>
Wire connection cross section AWG, max.	AWG 3/0	Connection direction	on side
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Type of connection	Threaded stud connection	Number of connections	2
Clamping range, max.	95 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 14	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	2.5 mm <sup>2</sup>
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	95 mm <sup>2</sup>
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Connection cross-section, stranded, max.	95 mm <sup>2</sup>
Connection cross-section, stranded, min.	2.5 mm <sup>2</sup>	Stud size for spade connection	M 8
Wire connection cross-section, solid core, max.	95 mm <sup>2</sup>	Wire connection cross-section, solid core, min.	2.5 mm <sup>2</sup>
Connection cross-section, finely stranded, min.	2.5 mm <sup>2</sup>	2 x cable lugs DIN 46 235	16...70 mm <sup>2</sup>
2 x cable lugs DIN 46 234	2.5...70 mm <sup>2</sup>		

### General

Number of poles	0	Wire connection cross section AWG, max.	AWG 3/0
Installation advice	Direct mounting	Wire connection cross section AWG, min.	AWG 14
Standards	IEC 60947-7-1	Mounting rail	TS 35

### Rating data

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	1000 V
Rated DC voltage	1500 V	Nominal current	192 A
Current at maximum wires	232 A	Standards	IEC 60947-7-1
Volume resistance according to IEC 60947-7-x	0.17 mΩ	Rated impulse withstand voltage	8 kV
Power loss in accordance with IEC 60947-7-x	6.14 W	Pollution severity	3

### UL rating data

Conductor size Factory wiring max. (UR)	00 AWG	Current size C (UR)	175 A
Voltage size C (UR)	1000 V	Conductor size Factory wiring min. (UR)	14 AWG
Certificate No. (UR)	E60693	Conductor size Field wiring min. (UR)	14 AWG
Conductor size Field wiring max. (UR)	00 AWG		

### 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**

