

## WFF 70

Weidmüller Interface GmbH &amp; Co. KG

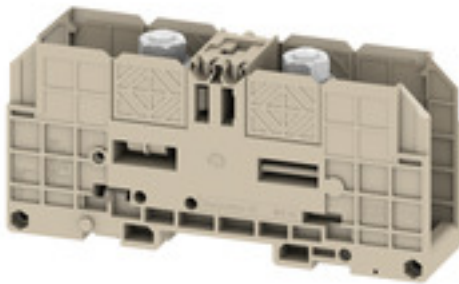
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## 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**

Version	Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 70 mm <sup>2</sup> , Threaded stud connection
Order No.	<a href="#">1028400000</a>
Type	WFF 70
GTIN (EAN)	4008190083311
Qty.	10 pc(s).

Creation date November 25, 2020 10:48:41 PM CET

Catalogue status 20.11.2020 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Depth	61 mm	Depth (inches)	2.402 inch
Depth including DIN rail	69.5 mm	Height	132 mm
Height (inches)	5.197 inch	Net weight	157.464 g
Weight	176.5 g	Width	31.8 mm
Width (inches)	1.252 inch		

## Temperatures

Storage temperature		Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
	-25 °C...55 °C		

## Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

## Rating data IECEx/ATEX

Certificate No. (ATEX)	KEMA98ATEX1684U	ATEX certificate	IECEXKEM07.0053U
ATEX certificate	KEMA98ATEX1684U_e.pdf	Certificate No. (IECEX)	IECEXKEM07.0053U
IEC Ex certificate	IECEXKEM07.0053U_e.pdf	Max. voltage (ATEX)	1100 V
Current (ATEX)	167 A	Wire cross section max. (ATEX)	70 mm <sup>2</sup>
Max. voltage (IECEX)	1100 V	Current (IECEX)	167 A
Wire cross section max. (IECEX)	70 mm <sup>2</sup>	Voltage, cross-connection	CrossConnectionGuide.pdf
Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity	Marking EN 60079-7	
Ex 2014/34/EU label	II 2 G D		Ex eb II C Gb

## System specifications

End cover plate required	No	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	Yes	Number of similar terminals	1
Open sides	closed	Type of mounting	Snap-on

## CSA rating data

CSA_current_Print	170 A	CSA_voltage_Print	600 V
CSA_wire_max_Print	0 AWG	CSA_wire_min_Print	14 AWG
Certificate No. (CSA)	200039-1244019	Current size C (CSA)	170 A
Voltage size C (CSA)	600 V	Wire cross section max. (CSA)	00 AWG
Wire cross section min. (CSA)	14 AWG		

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## Conductors for clamping (rated connection)

2 x cable lugs DIN 46 234	2.5...70 mm <sup>2</sup>	2 x cable lugs DIN 46 235	16...70 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...95 mm <sup>2</sup>	Cable lug to DIN 46235	16...70 mm <sup>2</sup>
Clamping range, max.	95 mm <sup>2</sup>	Clamping range, min.	2.5 mm <sup>2</sup>
Number of connections	2	Stud size for spade connection	M 8
Tightening torque, max.	12 Nm	Tightening torque, min.	6 Nm
Type of connection	Threaded stud connection		

## General

Rail	TS 35
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## Rating data

Rated cross-section	70 mm <sup>2</sup>	Rated voltage	1,000 V
Rated current	192 A	Current at maximum wires	232 A
Volume resistance according to IEC 60947-7-x	0.17 mΩ	Rated impulse withstand voltage	8 kV
Pollution severity	3		

## UL rating data

Certificate No. (UR)	E60693	Conductor size Factory wiring max. (UR)	00 AWG
Conductor size Factory wiring min. (UR)	14 AWG	Conductor size Field wiring max. (UR)	00 AWG
Conductor size Field wiring min. (UR)	14 AWG	Current size C (UR)	175 A
UL_current_Print	175 A	UL_voltage_Print	1,000 V
UL_wire_max_Print	0 AWG	UL_wire_min_Print	14 AWG
Voltage size C (UR)	1000 V		

## Classifications

ETIM 6.0	EC000897	ETIM 7.0	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	27141120

## Approvals

Approvals



ROHS	Conform
UL File Number Search	E60693

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Attestation of Conformity</a> <a href="#">IECEX Certificate</a> <a href="#">ATEX Certificate</a> <a href="#">EAC certificate</a> <a href="#">DNVGL certificate</a> <a href="#">MARITREG Certificate</a> <a href="#">POLSKIREJ certificate</a> <a href="#">Declaration of Conformity</a> <a href="#">Declaration of Conformity</a>
Brochure/Catalogue	<a href="#">CAT 1 TERM 16/17 EN</a>
Engineering Data	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Cross Connection Guide</a> <a href="#">StorageConditionsTerminalBlocks</a> <a href="#">WFF range for 1500 VDC applications</a> <a href="#">DIRECT MOUNTING WFF TERMINAL BLOCKS</a>