



#### General ordering data

Order No.	1028400000
Part designation	WFF 70
Version	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4008190083311
Qty.	10 pc(s).

#### Product notes

Note, ordering data	The rated voltage is reduced to 800 V when using a cable lug to DIN 46234 with 70 and 95 mm <sup>2</sup> .
Note, accessories	WAH 70 in blue, order no. 1064580000

#### PT OKIECEX/ATEX rating data

EU-type examination certificate	KEMA98ATEX1684U
Download, German	KEMA98ATEX1684U_d.pdf
Download English	KEMA98ATEX1684U_e.pdf
ATEX voltage	1100 V
ATEX current	167 A
ATEX conductor cross-section	70 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEx-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No

**Additional technical data**

No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

**CSA rating data**

Voltage (CSA)	600 V
CSA current	170 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 2/0

**Conductors for clamping (rated connection)**

Type of connection	Threaded stud connection
Connection direction	on side
Flexible, min.	2.5 mm <sup>2</sup>
Flexible, max.	95 mm <sup>2</sup>

**Dimensions**

Width	32 mm
Height of lowest version	64 mm
Length	132 mm
Weight	176.5 g
TS 35 offset	66 mm

**Rating data**

Rated cross-section	70 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	192 A
Current with max. conductor	232 A
Pollution severity	3

**Strap connection**

Gauge to EN 50043	C6
Strap 1, max.	4 x 20 x 1
Strap 1, min.	2 x 15.5 x 0.8
Strap 2, max.	6 x 15.5 x 0.8
Strap 2, min.	4 x 15.5 x 0.8

**Stud connection**

2 cable lugs to DIN 46234	16...70 mm <sup>2</sup>
2 cable lugs to DIN 46234	2.5...70 mm <sup>2</sup>
Cable lug to DIN 46234	16...70 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...95 mm <sup>2</sup>
Clamping range, max.	95 mm <sup>2</sup>

**Stud connection**

Clamping range, min.	2.5 mm <sup>2</sup>
Stud size for spade connection	M 8
Tightening torque range	6.0...12 Nm

**UL rating data**

Voltage (UL)	1,000 V
Current (UL)	175 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 2/0

**Approvals**

Approvals institutes

**Downloads**

STEP	1028400000_16357_WFF_70_STP.stp
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**Classifications**

eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

**Similar products**

Order No.	Part designation	Version
1028300000	WFF 35	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028380000	WFF 35 BL	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35
1028480000	WFF 70 BL	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, blue/light blue, TS 35
1028500000	WFF 120	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028580000	WFF 120 BL	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35

1857540000	WFF 120/M12/AH	Stud terminal, 120 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1028600000	WFF 185	Stud terminal, 185 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028680000	WFF 185 BL	Stud terminal, 185 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35
1028700000	WFF 300	Stud terminal, 300 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35