

**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

**Product notes**

Note, accessories	WAH 70 in blue, order No. 1064580000
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> .

**PT OKIECEEx/ATEX rating data**

Certificate No.	KEMA98ATEX1684U
ATEX certificate	KEMA98ATEX1684U_d.pdf
Download English	KEMA98ATEX1684U_e.pdf
max. voltage	1100 V
Current	167 A
Conductor cross-section, max.	70 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	Einsatztemperaturbereich siehe EG-Baumusterprüfbescheinigung/IECEEx-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

**Additional technical data**

Type of connection	screwed
Type of mouting	clipped
UL 94 flammability rating of insulation material	V-0
Installation advice	TS 35
Colour of insulating material	dark beige
Insulating material	Wemid
Open sides	closed
Operating temperature range	- 50 °C, + 120 °C
Product range	W-Series
No. of levels	1
No. of terminal strips per level	2
Levels cross-connected internally	No
End plate required	No
Explosion-tested version "Ex e"	Yes
No. of identical terminals	1
Version	Feed-through terminal
Connection direction	on side

**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	176,50 g
TS 35 offset	49 mm

**Rating data**

Rated cross-section	70 mm <sup>2</sup>
Rated voltage	1000 V
Rated impulse withstand voltage	8 kV
Rated current	192 A
Current with max. conductor	232 A
Pollution severity	3

**Strap connection**

Strap 1, max.	4 x 20 x 1
Strap 1, min.	2 x 15.5 x 0.8
Gauge to EN 50043	C6
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>
Clamping range, max.	95 mm <sup>2</sup>
Clamping range, min.	2,5 mm <sup>2</sup>
Tightening torque range	6.0...12 Nm
Cable lug to DIN 46234	16...70 mm <sup>2</sup>
Cable lug to DIN 46234	2.5...95 mm <sup>2</sup>
Stud size for spade connection	M 8

**UL rating data**

Voltage UL	1000 V
Current (UL)	175 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 2/0

**Approvals**

Approval body

**Downloads**

STEP 1028400000\_16357\_WFF\_70\_STP.stp

**Classifications**

ETIM 2.0	NK
ETIM 3.0	EC002020
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

**Related 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
1029300000	WFF 35/AH	Stud terminal, 35 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028480000	WFF 70 BL	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, blue/light blue, TS 35
1029400000	WFF 70/AH	Stud terminal, 70 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, 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
1029500000	WFF 120/AH	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1857540000	WFF 120/M12/AH	Stud terminal, 120 mm <sup>2</sup> , Wemid, TS 35
1037500000	WFF 120/3/B	Stud terminal, 120 mm <sup>2</sup> , Threaded stud connection, Wemid, 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
1029600000	WFF 185/AH	Stud terminal, 185 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028650000	WFF 185 M12+M16	Stud terminal, 185 mm <sup>2</sup> , Threaded stud

1028700000	WFF 300	connection, Wemid, dark beige, TS 35 Stud terminal, 300 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35
1028780000	WFF 300 BL	Stud terminal, 300 mm <sup>2</sup> , Threaded stud connection, Wemid, blue, TS 35
1029700000	WFF 300/AH	Stud terminal, 300 mm <sup>2</sup> , Threaded stud connection, Wemid, dark beige, TS 35