

General ordering data

Order No.	1028380000
Part designation	WFF 35 BL
Version	Stud terminal, 35 mm ² , Threaded stud connection, Wemid, blue, TS 35
EAN	4008190143428
Qty.	10 pc(s).

Product notes

Note, accessories	WAH 35 in blue, order no. 1064480000
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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	109 A
ATEX conductor cross-section	35 mm ²
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	blue
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
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	Stud terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	130 A
Min. cross-section (CSA)	AWG 14
Max. cross-section (CSA)	AWG 2

Conductors for clamping (rated connection)

Type of connection	Threaded stud connection
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Conductors for clamping (rated connection)

Connection direction	on side
Flexible, min.	2.5 mm ²
Flexible, max.	50 mm ²

Dimensions

Width	27 mm
Height of lowest version	54.5 mm
Length	107 mm
Weight	94.9 g
TS 35 offset	53.5 mm

Rating data

Rated cross-section	35 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	125 A
Current with max. conductor	150 A
Pollution severity	3

Strap connection

Gauge to EN 50043	C4
Strap 1, max.	6 x 13 x 0.5
Strap 1, min.	3 x 13 x 0.5
Strap 2, min.	2 x 15,5 x 0,8

Stud connection

2 cable lugs to DIN 46234	2.5...35 mm ²
2 cable lugs to DIN 46234	6...25 mm ²
Cable lug to DIN 46234	2.5...50 mm ²
Cable lug to DIN 46234	6...25 mm ²
Clamping range, max.	50 mm ²
Clamping range, min.	2.5 mm ²
Stud size for spade connection	M 6
Tightening torque range	3.0...6.0 Nm

UL rating data

Voltage (UL)	1,000 V
Current (UL)	115 A
Min. cross-section (UL)	AWG 14
Max. cross-section (UL)	AWG 2

Approvals

Approvals institutes



Approvals



Classifications

ETIM 2.0	NK
ETIM 3.0	EC002020
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 ² , Threaded stud connection, Wemid, dark beige, TS 35
1028400000	WFF 70	Stud terminal, 70 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
1028480000	WFF 70 BL	Stud terminal, 70 mm ² , Threaded stud connection, Wemid, blue/light blue, TS 35
1028500000	WFF 120	Stud terminal, 120 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
1028580000	WFF 120 BL	Stud terminal, 120 mm ² , Threaded stud connection, Wemid, blue, TS 35
1857540000	WFF 120/M12/AH	Stud terminal, 120 mm ² , Wemid, TS 35
1028600000	WFF 185	Stud terminal, 185 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
1028680000	WFF 185 BL	Stud terminal, 185 mm ² , Threaded stud connection, Wemid, blue, TS 35
1028700000	WFF 300	Stud terminal, 300 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
1028780000	WFF 300 BL	Stud terminal, 300 mm ² , Threaded stud connection, Wemid, blue, TS 35