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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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General ordering data

Order No.	1028600000
Part designation	WFF 185
Version	Stud terminal, 185 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4008190044091
Qty.	4 pc(s).

Product notes

Note, accessories	WAH 185/300 in blue, order no. 1064780000
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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	307 A
ATEX conductor cross-section	185 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	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
No. of identical terminals	1
No. of levels	1

Additional technical data

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	360 A
Min. cross-section (CSA)	AWG 8
Max. cross-section (CSA)	kcmil 500

Conductors for clamping (additional connection)

Type of connection	---
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²
Type of connection	Threaded stud connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	8 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.6...0.8 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	6 mm ²
Stranded, min.	0.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	10 mm ²
Flexible, max.	240 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
AWG conductor size, min.	AWG 24
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.21 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	55 mm
Height of lowest version	79 mm
Length	163 mm
Weight	438.25 g
TS 15 offset	13.5 mm
TS 35 offset	81.5 mm

Disconnect terminals

Torque level with DMS electric screwdriver	2
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Rating data

Rated cross-section	185 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	353 A
Standards	IEC 60947-7-1
Current with max. conductor	415 A
Pollution severity	3

Strap connection

Gauge to EN 50043	C11
Strap 1, max.	10 x 24 x 1
Strap 1, min.	5 x 24 x 1
Strap 2, max.	6 x 32 x 1
Strap 2, min.	8 x 32 x 1

Stud connection

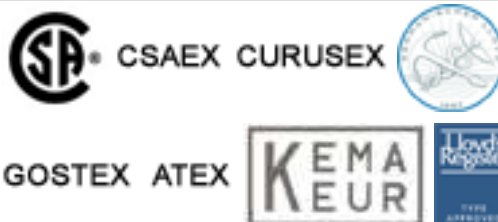
2 cable lugs to DIN 46234	25...185 mm ²
2 cable lugs to DIN 46234	10...185 mm ²
Cable lug to DIN 46234	25...240 mm ²
Cable lug to DIN 46234	10...240 mm ²
Clamping range, max.	240 mm ²
Clamping range, min.	10 mm ²
Stud size for spade connection	M 12
Tightening torque range	14...31 Nm

UL rating data

Voltage (UL)	1,000 V
Current (UL)	380 A
Min. cross-section (UL)	AWG 8
Max. cross-section (UL)	kcmil 500

Approvals

Approvals institutes



Approvals



Downloads

STEP 1028600000_17244_WFF_185_STP.stp

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 ² , Threaded stud connection, Wemid, dark beige, TS 35
1028380000	WFF 35 BL	Stud terminal, 35 mm ² , Threaded stud connection, Wemid, blue, 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 , Screw 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