



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

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.	1028500000
Part designation	WFF 120
Version	Stud terminal, 120 mm ² , Threaded stud connection, Wemid, dark beige, TS 35
EAN	4008190004866
Qty.	5 pc(s).

Product notes

Note, accessories	WAH 120 in blue, order no. 1064650000
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PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1684U
Download, German	KEMA98ATEX1684U_d.pdf
Download English	KEMA98ATEX1684U_e.pdf
ATEX voltage	1100 V
ATEX current	234 A
ATEX conductor cross-section	120 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	Stud terminal

CSA rating data

Voltage (CSA)	600 V
CSA current	310 A
Min. cross-section (CSA)	AWG 10
Max. cross-section (CSA)	kcmil 250

Conductors for clamping (rated connection)

Type of connection	Threaded stud connection
Connection direction	on side
Flexible, min.	6 mm ²
Flexible, max.	150 mm ²

Dimensions

Width	42 mm
Height of lowest version	73 mm
Length	132 mm
Weight	281.6 g
TS 35 offset	66 mm

Rating data

Rated cross-section	120 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	269 A
Current with max. conductor	309 A
Pollution severity	3

Strap connection

Gauge to EN 50043	C8
Strap 1, max.	6 x 20 x 1
Strap 1, min.	6 x 20 x 1
Strap 2, min.	5 x 24 x 1

Stud connection

2 cable lugs to DIN 46234	16...120 mm ²
2 cable lugs to DIN 46234	6...120 mm ²
Cable lug to DIN 46234	16...150 mm ²
Cable lug to DIN 46234	6...150 mm ²
Clamping range, max.	150 mm ²
Clamping range, min.	6 mm ²
Stud size for spade connection	M 10
Tightening torque range	10...20 Nm

Stud connection**UL rating data**

Voltage (UL)	1,000 V
Current (UL)	310 A
Min. cross-section (UL)	AWG 10
Max. cross-section (UL)	kcmil 250

Approvals

Approvals institutes

**Downloads**

STEP	1028500000_17240_WFF_120_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 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
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

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