



General ordering data

Order No.	1024500000
Part designation	WDU 120/150
Version	Feed-through terminal, 150 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190164768
Qty.	10 pc(s).

Product notes

Note, ordering data For details of ribbon cable see online catalogue, and for direct mounting see section "W-series accessories".

Product description

Note, accessories Auxiliary connection for the additional conductor "WZAD 120", order no. 1066100000 (up to 4 mm², 32 A)

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1686U
Download, German	KEMA98ATEX1686U_d.pdf
Download English	KEMA98ATEX1686U_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	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Stranded, min.	35 mm ²
Stranded, max.	70 mm ²
Flexible, min.	35 mm ²

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	35 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	70 mm ²

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
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	285 A
Min. cross-section (CSA)	AWG 2
Max. cross-section (CSA)	kcmil 250

Conductors for clamping (rated connection)

Clamping range, min.	33.63 mm ²
Clamping range, max.	150 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	35 mm
Clamping screw	M 10
Blade size	S6 (DIN 6911)
Tightening torque range	10...20 Nm
Gauge to IEC 60947-1	B13
Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	35 mm ²
Stranded, max.	150 mm ²
Flexible, min.	35 mm ²
Flexible, max.	70 mm ²
Flexible with ferrule, min. (DIN 46228/1)	35 mm ²
Flexible with ferrule, max. (DIN 46228/1)	95 mm ²

Conductors for clamping (rated connection)

Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm ²
AWG conductor size, min.	AWG 2
AWG conductor size, max.	kcmil 250
AWG conductor size, min.	33.62 mm ²
AWG conductor size, max.	150 mm ²

Dimensions

Width	32 mm
Height of lowest version	118 mm
Length	132 mm
Weight	540 g
TS 35 offset	66 mm

Rating data

Rated cross-section	150 mm ²
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	309 A
Standards	IEC 60947-7-1
Current with max. conductor	309 A
Pollution severity	3

Strap connection

Strap 1, max.	4 x 16 x 0.8
Strap 1, min.	3 layers 9 x 0.8
Strap 2, max.	6 layers 16 x 0.8
Strap 2, min.	6 x 9 x 0.8

UL rating data

Voltage (UL)	600 V
Current (UL)	225 A
Min. cross-section (UL)	AWG 2
Max. cross-section (UL)	kcmil 250

Approvals

Approvals institutes



Approvals



Classifications

eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

Similar products

Order No.	Part designation	Version
1024580000	WDU 120/150 BL	Feed-through terminal, 150 mm ² , Screw connection, Wemid, blue, TS 35
1024550000	WDU 120/150 HG	Feed-through terminal, 150 mm ² , Screw connection, Wemid, green, TS 35
1026600000	WDU 120/150/5	Feed-through terminal, 150 mm ² , Screw connection, Wemid, dark beige, TS 35
1032400000	WDU 120/150/5 N	Feed-through terminal, 150 mm ² , Screw connection, Wemid, dark beige, TS 35