



#### General ordering data

Order No.	1024580000
Part designation	WDU 120/150 BL
Version	Feed-through terminal, 150 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
EAN	4008190077198
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".
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#### Product description

Note, accessories	Auxiliary connection for the additional conductor "WZAD 120", order no. 1066100000 (up to 4 mm <sup>2</sup> , 32 A)
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#### PT OKIECEx/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 <sup>2</sup>
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 <sup>2</sup>
Stranded, max.	70 mm <sup>2</sup>
Flexible, min.	35 mm <sup>2</sup>

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

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

#### 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	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 <sup>2</sup>
Clamping range, max.	150 mm <sup>2</sup>
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 <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	35 mm <sup>2</sup>
Stranded, max.	150 mm <sup>2</sup>
Flexible, min.	35 mm <sup>2</sup>
Flexible, max.	70 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	35 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	95 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

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

#### Dimensions

Width	32 mm
Height of lowest version	118 mm
Length	132 mm
Weight	529 g
TS 35 offset	66 mm

#### Rating data

Rated cross-section	150 mm <sup>2</sup>
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
1024500000	WDU 120/150	Feed-through terminal, 150 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1024550000	WDU 120/150 HG	Feed-through terminal, 150 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35
1026600000	WDU 120/150/5	Feed-through terminal, 150 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1032400000	WDU 120/150/5 N	Feed-through terminal, 150 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35