

#### General ordering data

Order No.	1024650000
Part designation	WDU 70/95 HG
Version	Feed-through terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
EAN	4008190169619
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	Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal. Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminal.
Note, accessories	Auxiliary connection for the additional conductor "WZAD 70", order no. 1066000000 (up to 4 mm <sup>2</sup> , 32 A)

#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1686U
Download, German	KEMA98ATEX1686U_d.pdf
Download English	KEMA98ATEX1686U_e.pdf
ATEX voltage	690 V
ATEX current	202 A
ATEX conductor cross-section	70 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)

Solid, min.	16 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	16 mm <sup>2</sup>
Stranded, max.	35 mm <sup>2</sup>
Flexible, min.	16 mm <sup>2</sup>
Flexible, max.	35 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	35 mm <sup>2</sup>

#### Additional technical data

Colour of insulating material	dark beige
Connection direction	on side

#### Additional technical data

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	205 A
Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 2/0

#### Conductors for clamping (rated connection)

Clamping range, min.	13.3 mm <sup>2</sup>
Clamping range, max.	120 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	30 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B12
Solid, min.	16 mm <sup>2</sup>
Solid, max.	16 mm <sup>2</sup>
Stranded, min.	16 mm <sup>2</sup>
Stranded, max.	120 mm <sup>2</sup>
Flexible, min.	16 mm <sup>2</sup>
Flexible, max.	95 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	16 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	95 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	16 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm <sup>2</sup>
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	13.3 mm <sup>2</sup>
AWG conductor size, max.	120 mm <sup>2</sup>

#### Dimensions

Width	27 mm
Height of lowest version	108 mm
Length	132 mm
Weight	340 g
TS 35 offset	66 mm

#### Rating data

Rated cross-section	95 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	232 A
Standards	IEC 60947-7-1
Current with max. conductor	232 A
Pollution severity	3

#### Strap connection

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

#### UL rating data

Voltage (UL)	600 V
Current (UL)	175 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2/0

#### Approvals

Approvals institutes



#### Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20

## Classifications

### Similar products

Order No.	Part designation	Version
1024600000	WDU 70/95	Feed-through terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1024680000	WDU 70/95 BL	Feed-through terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35
1026700000	WDU 70/95/3	Feed-through terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
1032300000	WDU 70/95/5/N	Feed-through terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35