

Concert No. 1026700000 Part designation WDU 70/95/3 Version Feed-through terminal, 95 mm², Screw connection, Wemid, dark beige, TS 35 EAN 4008190137762 Qty. 4 pc(s). 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. PT OKIECEX/ATEX rating data KEMA98ATEX1686U Download, German KEMA98ATEX1686U Download, English KEMA98ATEX1686U_e.pdf Download, German 202 A ATEX conductor cross-section 70 mm³ Voltage when using cross-connections CrossConnectionGuide.pdf Operating temperature range For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity Karlis Q data Operating temperature range Conforming the data Colour of insulating material dark beige Connection direction on side Download, German Download <td< th=""><th></th><th></th></td<>		
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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 ATEX Directive 94/9/EC Ex II 2 G D Additional technical data dark beige Connection direction on side	ATEX current	202 A
Operating temperature range For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity Marking ATEX Directive 94/9/EC Ex II 2 G D Additional technical data Colour of insulating material Connection direction on side	ATEX conductor cross-section	70 mm ²
Test Certificate / IEC Ex-Certificate of Conformity Marking ATEX Directive 94/9/EC Ex II 2 G D Additional technical data Colour of insulating material dark beige Connection direction on side	Voltage when using cross-connections	CrossConnectionGuide.pdf
Marking ATEX Directive 94/9/EC Ex II 2 G D Additional technical data Colour of insulating material dark beige Connection direction on side	Operating temperature range	For operating temperature range see EC Design
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Colour of insulating materialdark beigeConnection directionon side	Marking ATEX Directive 94/9/EC	Ex II 2 G D
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Connection direction on side		
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End plate required NO		
	Enu plate required	INU



Additional technical data	
Additional technical data	Yes
Explosion-tested version "Ex e" Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	3
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	Screwed
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal
Version	
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 (additional	
connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	16 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	95 mm²
Conductors for clamping (rated connection)	
Clamping range, min.	13.3 mm ²
	100 mm2
Clamping range, max.	120 mm ²
Clamping range, max. Type of connection	Screw connection
Clamping range, max. Type of connection 2nd type of connection	
Type of connection	Screw connection
Type of connection 2nd type of connection	Screw connection screwed
Type of connection 2nd type of connection Connection direction	Screw connection screwed on side
Type of connection 2nd type of connection Connection direction No. of connections	Screw connection screwed on side 2
Type of connection 2nd type of connection Connection direction No. of connections Stripping length	Screw connection screwed on side 2 30 mm
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw	Screw connection screwed on side 2 30 mm M 8
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911)
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min.	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm ² 16 mm ² 16 mm ²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max.	Screw connectionscrewedon side230 mmM 8S6 (DIN 6911)6.012 NmB1216 mm²16 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min.	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm² 16 mm² 120 mm² 16 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, max. Flexible, min. Flexible, max.	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm² 16 mm² 95 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, max. Flexible, min. Flexible, max. Flexible, max. Flexible with ferrule, min. (DIN 46228/1)	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, max. Flexible, min. Flexible, max.	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm² 95 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, max. Flexible, min. Flexible, max. Flexible, max. Flexible with ferrule, min. (DIN 46228/1)	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, max. Flexible, min. Flexible, min. Flexible, max. Flexible, max. Flexible with ferrule, min. (DIN 46228/1) Flexible with ferrule, max. (DIN 46228/1) Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm²
Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, min. Solid, max. Stranded, min. Stranded, min. Stranded, max. Flexible, min. Flexible, max. Flexible, min. Flexible with ferrule, min. (DIN 46228/1) Flexible with ferrule, max. (DIN 46228/1) Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) Flexible, max., ferrule with plastic collar (DIN	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm² 120 mm² 16 mm² 95 mm² 16 mm² 95 mm²
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Type of connection 2nd type of connection Connection direction No. of connections Stripping length Clamping screw Blade size Tightening torque range Gauge to IEC 60947-1 Solid, min. Solid, max. Stranded, min. Stranded, min. Stranded, max. Flexible, min. Flexible, min. Flexible, max. Flexible, max. Flexible with ferrule, min. (DIN 46228/1) Flexible with ferrule, max. (DIN 46228/1) Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) Flexible, max., ferrule with plastic collar (DIN	Screw connection screwed on side 2 30 mm M 8 S6 (DIN 6911) 6.012 Nm B12 16 mm² 16 mm²



Conductors for clamping (rated connection) AWG conductor size, max.	AWG 2/0
AWG conductor size, min.	13.3 mm ²
AWG conductor size, max.	120 mm ²
Dimensions	
Width	81 mm
Height of lowest version	108.5 mm
Length	132 mm
Weight	1.05 g
TS 35 offset	66 mm
Rating data	
Rated cross-section	95 mm²
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.	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)	175 A
Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2/0
Approvals	
Approvals institutes	
	SE GOSTEX ATEX
	PG
	ME25
Classifications	
eClass 4.1	27-14-11-20
eClass 5.0	27-14-11-20
eClass 5.1	27-14-11-20
Similar products	



Product catalogue | Terminals | Screwing technology | W-series modular terminals | Modular feed-through terminals | W-Standard | 95 mm²

1024600000	WDU 70/95	Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35
1024680000	WDU 70/95 BL	Feed-through terminal, 95 mm ² , Screw connection, Wemid, blue, TS 35
1024650000	WDU 70/95 HG	Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35
1032300000	WDU 70/95/5/N	Feed-through terminal, 95 mm ² , Screw connection, Wemid, dark beige, TS 35

