



General ordering data

Order No. Part designation Version

EAN Qty.

Product notes Note, ordering data

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Note, technical data

Product description

Note, accessories

PT OKIECEx/ATEX rating data

EU-type examination certificate Download, German Download English IECEx Certificate of Conformity Download ATEX voltage ATEX current ATEX conductor cross-section IECEx voltage IECEx current IECEx conductor cross-section Voltage when using cross-connections Operating temperature range 9537400000 WDU 10 SL SW Special terminal, special connections, 10 mm², Screw connection, PA 66, black, TS 35 4032248037391 50 pc(s).

Are suitable for a rated voltage of 630 V with pollution degree 2 (no larger soiling appears). ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm. Spring below clamping yoke ensures additional contact stability. Hook-shaped cable lugs, wide design 0.25-1.5mm², order no. 9036290000 (100 pcs.); and 1-2.5mm² thin version, order no. 9036300000 (100 pcs.)

SIRA02ATEX3242U

SIRA02ATEX3242U_e.pdf IECEXSIR05.0040U IECEXSIR05.0040U_e.pdf 275 V 50 A 10 mm² 275 V 50 A 10 mm² CrossConnectionGuide.pdf For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity





PT OKIECEx/ATEX rating data	
Marking EN 60079-7	Ex e II
2 clampable conductors (H05V/H07V) with	
equal cross-section (rated connection)	
Solid, min.	2.5 mm ²
Solid, max.	4 mm ²
Flexible, min.	2.5 mm ²
Flexible, max. Flexible with ferrule, min. (DIN 46228 pt 1)	4 mm² 1 mm²
	4 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4
Additional technical data	
Colour of insulating material	black
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
Installation advice	TS 35
Insulating material	PA 66
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	right
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	222.14
Voltage (CSA)	300 V
CSA current	65 A
Min. cross-section (CSA)	AWG 16 AWG 8
Max. cross-section (CSA)	AWG o
Conductors for clamping (additional	
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm ²
Conductors for clamping (rated connection)	
Clamping range, min.	1.31 mm ²
Clamping range, max.	16 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	17 mm
Clamping screw	M 4
Blade size	1.0 x 5.5 mm



Conductors for clamping (rated connection)	
Tightening torque range	1.22.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	A6
Solid, min.	1.5 mm ²
Solid, max.	16 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	16 mm ²
Flexible, min.	1 mm ²
Flexible, max.	6 mm ²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	10 mm ²
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm ²
AWG conductor size, max.	13.3 mm ²
Dimensions	
Width	9.9 mm
Height of lowest version	47 mm
Length	60 mm
Weight	21.11 g
TS 35 offset	32 mm
Disconnect terminals	
Torque level with DMS electric screwdriver	4
Rating data	
Rated cross-section	10 mm²
Deted veltage	
Rated voltage	500 V
Rated impulse voltage	6 kV
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Rated impulse voltage	6 kV
Rated impulse voltage Rated current	6 kV 57 A
Rated impulse voltage Rated current Standards	6 kV 57 A IEC 60947-7-1
Rated impulse voltage Rated current Standards Current with max. conductor	6 kV 57 A IEC 60947-7-1 76 A
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data	6 kV 57 A IEC 60947-7-1 76 A 3
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL)	6 kV 57 A IEC 60947-7-1 76 A
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Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL)	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL) Approvals	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL)	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16
Rated impulse voltageRated currentStandardsCurrent with max. conductorPollution severityUL rating dataVoltage (UL)Current (UL)Min. cross-section (UL)Max. cross-section (UL)ApprovalsApprovals institutes	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16 AWG 8
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL) Approvals Approvals Classifications	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16 AWG 8 IEC EX ATEX
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL) Approvals Approvals ETIM 2.0	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16 AWG 8 EC000897
Rated impulse voltage Rated current Standards Current with max. conductor Pollution severity UL rating data Voltage (UL) Current (UL) Min. cross-section (UL) Max. cross-section (UL) Approvals Approvals Classifications	6 kV 57 A IEC 60947-7-1 76 A 3 150 V 50 A AWG 16 AWG 8 IEC EX ATEX



Classification		
eClass 5.0		27-14-11-31
eClass 5.1		27-14-11-31
Similar products		
9537480000	WDU 10 SL	Special terminal, special connections, 10 mm ² , Screw connection,
		Wemid, dark beige, TS 35
9537490000	WDU 10 SL/EN	Special terminal, special connections, 10 mm ² , Screw connection,
		Wemid, dark beige, TS 35 + TS 32
9537410000	WDU 10 SL/EN SW	Special terminal, special connections, 10 mm², Screw connection, PA 66, black, TS 35 + TS 32



