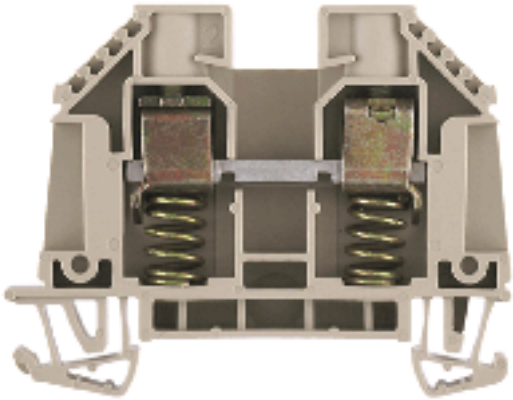




General ordering data	
Order No.	9537400000
Part designation	WDU 10 SL SW
Version	Special terminal, special connections, 10 mm², Screw connection, PA 66, black, TS 35
EAN	4032248037391
Qty.	50 pc(s).

Product notes	
Note, ordering data	Are suitable for a rated voltage of 630 V with pollution degree 2 (no larger soiling appears).
Note, technical data	ESI rated data: 500 V/36 A / 16 mm² stranded connection must be tightened with 2 Nm.
Product description	Spring below clamping yoke ensures additional contact stability.
Note, accessories	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.)

PT OKIECEx/ATEX rating data	
EU-type examination certificate	SIRA02ATEX3242U
Download, German	
Download English	SIRA02ATEX3242U_e.pdf
IECEx Certificate of Conformity	IECEXSIR05.0040U
Download	IECEXSIR05.0040U_e.pdf
ATEX voltage	275 V
ATEX current	50 A
ATEX conductor cross-section	10 mm²
IECEx voltage	275 V
IECEx current	50 A
IECEx conductor cross-section	10 mm²
Voltage when using cross-connections	CrossConnectionGuide.pdf
Operating temperature range	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 mm²
Solid, max.	4 mm²
Flexible, min.	2.5 mm²
Flexible, max.	4 mm²
Flexible with ferrule, min. (DIN 46228 pt 1)	1 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm²

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	
Voltage (CSA)	300 V
CSA current	65 A
Min. cross-section (CSA)	AWG 16
Max. cross-section (CSA)	AWG 8

Conductors for clamping (additional connection)	
Flexible with ferrule, min. (DIN 46228 pt 1)	1.5 mm²
Flexible with ferrule, max. (DIN 46228 pt 1)	10 mm²

Conductors for clamping (rated connection)	
Clamping range, min.	1.31 mm²
Clamping range, max.	16 mm²
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	1.2...2.4 Nm
Torque level with DMS electric screwdriver	4
Gauge to IEC 60947-1	A6
Solid, min.	1.5 mm²
Solid, max.	16 mm²
Stranded, min.	1.5 mm²
Stranded, max.	16 mm²
Flexible, min.	1 mm²
Flexible, max.	6 mm²
Flexible with ferrule, min. (DIN 46228/1)	1.5 mm²
Flexible with ferrule, max. (DIN 46228/1)	10 mm²
AWG conductor size, min.	AWG 16
AWG conductor size, max.	AWG 6
AWG conductor size, min.	1.31 mm²
AWG conductor size, max.	13.3 mm²

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
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	57 A
Standards	IEC 60947-7-1
Current with max. conductor	76 A
Pollution severity	3

UL rating data	
Voltage (UL)	150 V
Current (UL)	50 A
Min. cross-section (UL)	AWG 16
Max. cross-section (UL)	AWG 8

Approvals	
Approvals institutes	IEC EX ATEX

Classifications	
ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-31

Classifications	
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

Similar products

Order No.	Part designation	Version
9537480000	WDU 10 SL	Special terminal, special connections, 10 mm², Screw connection, Wemid, dark beige, TS 35
9537490000	WDU 10 SL/EN	Special terminal, special connections, 10 mm², 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

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