



#### General ordering data

Order No.	9537430000
Part designation	WDU 6 SL/EN SW
Version	Special terminal, special connections, 6 mm <sup>2</sup> , Screw connection, PA 66, black, TS 35 + TS 32
EAN	4032248037438
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/24 A / Note the max. current of the terminal (57 A) when using the cross- connector!
Product description	Spring below clamping yoke ensures additional contact stability.
Note, accessories	Hook-shaped cable lugs, wide design 0.25-1.5mm <sup>2</sup> , order no. 9036290000 (100 pcs.); and 1-2.5mm <sup>2</sup> thin version, order no. 9036300000 (100 pcs.)

#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	SIRA02ATEX3242U
Download, German	
Download English	SIRA02ATEX3242U_e.pdf
IECEEx Certificate of Conformity	IECEXSIR05.0040U
Download	IECEXSIR05.0040U_e.pdf
ATEX voltage	275 V
ATEX current	36 A
ATEX conductor cross-section	6 mm <sup>2</sup>
IECEEx voltage	275 V
IECEEx current	36 A
IECEEx conductor cross-section	6 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf

#### PT OKIECEEx/ATEX rating data

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II

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

Solid, min.	1.5 mm <sup>2</sup>
Solid, max.	2.5 mm <sup>2</sup>
Flexible, min.	1.5 mm <sup>2</sup>
Flexible, max.	2.5 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm <sup>2</sup>

#### 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 + TS 32
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	45 A
Min. cross-section (CSA)	AWG 20
Max. cross-section (CSA)	AWG 8

#### Conductors for clamping (additional connection)

Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	6 mm <sup>2</sup>

#### Conductors for clamping (rated connection)

Clamping range, min.	0.5 mm <sup>2</sup>
Clamping range, max.	10 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	16 mm

#### Conductors for clamping (rated connection)

Clamping screw	M 3.5
Blade size	4.0 x 0.8 mm
Tightening torque range	0.8...1.4 Nm
Torque level with DMS electric screwdriver	3
Gauge to IEC 60947-1	A5
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	10 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	10 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	6 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	6 mm <sup>2</sup>
AWG conductor size, min.	AWG 20
AWG conductor size, max.	AWG 8
AWG conductor size, min.	0.52 mm <sup>2</sup>
AWG conductor size, max.	8.37 mm <sup>2</sup>

#### Dimensions

Width	7.9 mm
Height of lowest version	47 mm
Length	60 mm
Weight	17.2 g
TS 32 offset	13.5 mm
TS 35 offset	32 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver	3
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#### Rating data

Rated cross-section	6 mm <sup>2</sup>
Rated voltage	500 V
Rated impulse voltage	6 kV
Rated current	41 A
Standards	IEC 60947-7-1
Current with max. conductor	57 A
Pollution severity	3

#### UL rating data

Voltage (UL)	150 V
Current (UL)	45 A
Min. cross-section (UL)	AWG 20
Max. cross-section (UL)	AWG 8

## Approvals

Approvals institutes



## Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897
eClass 4.1	27-14-11-31
eClass 5.0	27-14-11-31
eClass 5.1	27-14-11-31

## Similar products

Order No.	Part designation	Version
9537460000	WDU 6 SL	Special terminal, special connections, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
9537470000	WDU 6 SL/EN	Special terminal, special connections, 6 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 + TS 32