



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



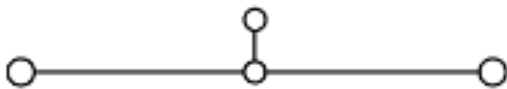
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General ordering data

Order No.	9537480000
Part designation	WDU 10 SL
Version	Special terminal, special connections, 10 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190028626
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 mm ² 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 0.25-1.5mm ² , order no. 9036290000 (100 pcs.); and 1-2.5mm ² 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	50 A
ATEX conductor cross-section	10 mm ²
IECEEx voltage	275 V
IECEEx current	50 A
IECEEx conductor cross-section	10 mm ²
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 OKIEEx/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.	4 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	1 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	4 mm ²

Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	No
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	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 mm ²
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	1.2...2.4 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 mm ²
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	21.09 g
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	4
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Rating data

Rated cross-section	10 mm ²
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



Classifications

ETIM 2.0	EC000897
ETIM 3.0	EC000897

Classifications

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
9537400000	WDU 10 SL SW	Special terminal, special connections, 10 mm ² , Screw connection, PA 66, black, 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 mm ² , Screw connection, PA 66, black, TS 35 + TS 32