



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!



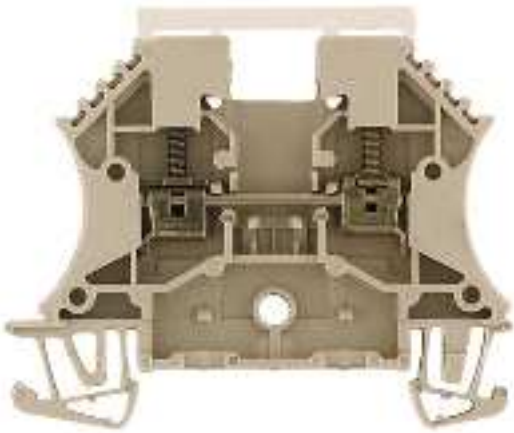
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

Order No.	1024400000
Part designation	WDU 2.5/TC TYP SR
Version	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190116675
Qty.	50 pc(s).

PT OKIECEEx/ATEX rating data

EU-type examination certificate	SIRA02ATEX3153U
Download, German	
Download English	SIRA02ATEX3153U_e.pdf
IECEEx Certificate of Conformity	IECEXSIR05.0039U
Download	IECEXSIR05.0039U_e.pdf
ATEX voltage	55 V
ATEX current	1 A
ATEX conductor cross-section	2.5 mm ²
IECEEx voltage	55 V
IECEEx conductor cross-section	2.5 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
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

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

Solid, min.	0.5 mm ²
Solid, max.	1.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 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	Thermocouple

Conductors for clamping (additional connection)

Type of connection	Screw connection
--------------------	------------------

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A2
Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	2.5 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²
Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	1.5 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12

Conductors for clamping (rated connection)

AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	10.2 mm
Height of lowest version	50.5 mm
Length	60 mm
Weight	16.95 g
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
--	---

Rating data

Rated cross-section	2.5 mm ²
Standards	IEC 60947-7-1 / IEC 60584
Pollution severity	3

Thermal voltage terminals

Type of thermo-elements	Pt10%-PtRh/Pt13%-PtRh
-------------------------	-----------------------

Approvals

Approvals institutes



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
1033700000	WDU 2.5/TC TYP B	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1033300000	WDU 2.5/TC TYP E	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1024300000	WDU 2.5/TC TYP J	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1024100000	WDU 2.5/TC TYP K	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1041500000	WDU 2.5/TC TYP N	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1024200000	WDU 2.5/TC TYP T	Special terminal, special connections, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35