



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!



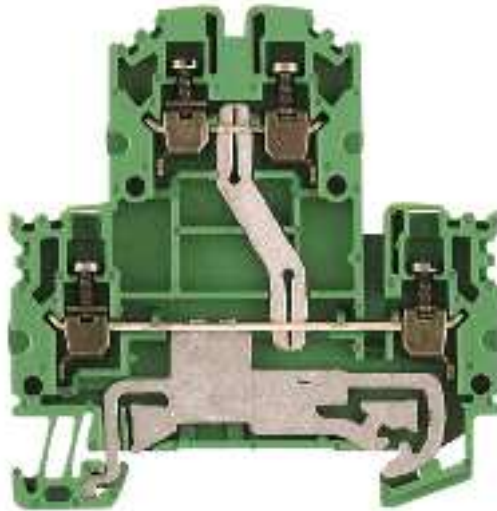
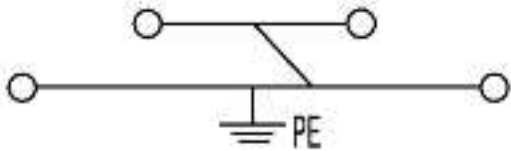
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General ordering data

Order No.	1041620000
Part designation	WDK 2.5N PE
Version	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
EAN	4032248138579
Qty.	100 pc(s).

Product notes

Note, technical data	2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.
Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA00ATEX2061U
Download, German	KEMA00ATEX2061U_d.pdf
Download English	KEMA00ATEX2061U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX conductor cross-section	2.5 mm ²
IECEX 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

Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side

Additional technical data

End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	Yes
No. of identical terminals	1
No. of levels	2
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	PE terminal

CSA rating data

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	8 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	A3
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 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
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	3.31 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	62.5 mm
Length	60.7 mm
TS 35 offset	30.85 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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PE rating data

PEN function	No
Pollution severity	3
Rated cross-section	2.5 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	300 A (2.5 mm ²)
Rated voltage for adjacent terminal	800 V
Standards	IEC 60947-7-2
Torque level with DMS electric screwdriver	1

UL rating data

Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes



Classifications

eClass 4.1	27-14-03-05
eClass 5.0	27-14-03-05
eClass 5.1	27-14-03-05

Similar products

Order No.	Part designation	Version
1016200000	WPE 2.5N	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
1042700000	WPE 4N	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
1041920000	WDK 4N PE	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35

1019100000	WPE 16N	Earth terminal, 16 mm ² , Screw connection, Wemid, green/yellow, TS 35
1717740000	WPE 35N	Earth terminal, 35 mm ² , Screw connection, Wemid, green/yellow, TS 35
1846040000	WPE 50N	Earth terminal, 50 mm ² , Screw connection, Wemid, green/yellow, TS 35
9512200000	WPE 70N/35	Earth terminal, 70 mm ² , Screw connection, Wemid, green/yellow, TS 35
1846030000	WPE 95N/120N	Earth terminal, 95 mm ² , Screw connection, Wemid, green/yellow, TS 35