



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!



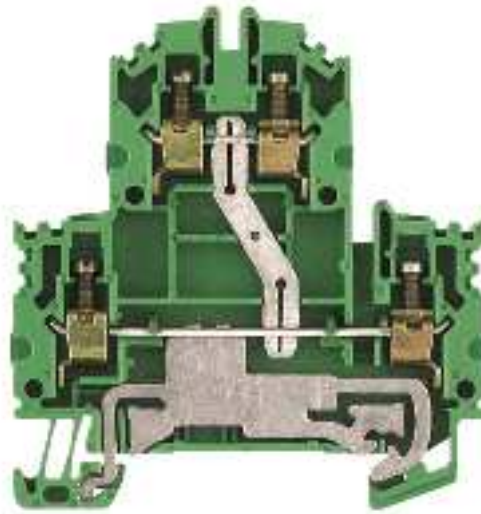
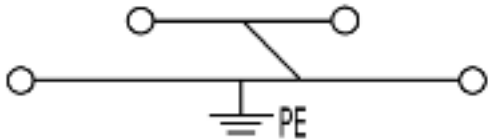
Contact us

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.	1041920000
Part designation	WDK 4N PE
Version	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
EAN	4032248138562
Qty.	100 pc(s).

Product notes

Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA00ATEX2061U
Download, German	KEMA00ATEX2061U_d.pdf
Download English	KEMA00ATEX2061U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX conductor cross-section	4 mm ²
IECEEx conductor cross-section	4 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
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35

Additional technical data

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	Screw connection
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 10

Conductors for clamping (rated connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	6 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 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm ²
Solid, max.	6 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	6 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)	4 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm ²
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm ²
AWG conductor size, max.	5.26 mm ²

Dimensions

Width	6.1 mm
Height of lowest version	64.1 mm
Length	60.7 mm

Dimensions

TS 35 offset 30 mm

Disconnect terminals

Torque level with DMS electric screwdriver 2

PE rating data

PEN function No
 Pollution severity 3
 Rated cross-section 4 mm²
 Rated impulse withstand voltage to adjacent terminal 8 kV
 Rated short-time current 480 A (4 mm²)
 Rated voltage for adjacent terminal 800 V
 Standards IEC 60947-7-2
 Torque level with DMS electric screwdriver 2

UL rating data

Min. cross-section (UL) AWG 26
 Max. cross-section (UL) AWG 10

Approvals

Approvals institutes



Downloads

STEP 1041920000_31535_WDK_4N_PE_STP.stp

Classifications

ETIM 2.0 EC000901
 ETIM 3.0 EC000901
 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
101620000	WPE 2.5N	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35

1041620000	WDK 2.5N PE	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
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