



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!



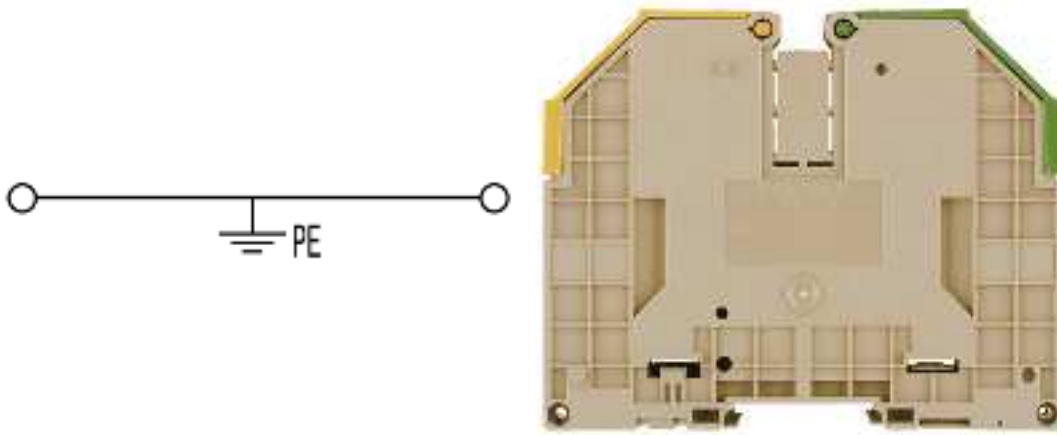
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General ordering data

Order No.	1037300000
Part designation	WPE 70/95
Version	Earth terminal, 95 mm ² , Screw connection, Wemid, green/yellow, TS 35
EAN	4008190495664
Qty.	10 pc(s).

Product notes

Note, technical data	For 50 - 120 mm ² , the TS 35x15 (copper, 2.3mm thick) rail should be used.
Product description	Large conductor cross-sections do not require a great force to insert them into the clamping point, but instead can be easily and quickly placed in the modular terminal. Every type of terminal is available in both single and block forms. All blocks are screwed permanently together and therefore provide additional torsional rigidity. Direct mounting is possible thanks to the elongated holes on the underside of the terminal.
Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)

PT OKIECEX/ATEX rating data

EU-type examination certificate	KEMA98ATEX1686U
Download, German	KEMA98ATEX1686U_d.pdf
Download English	KEMA98ATEX1686U_e.pdf
ATEX conductor cross-section	70 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	No
Explosion-tested version "Ex e"	Yes
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	closed
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Screwed
UL 94 flammability rating of insulation material	V-0
Version	PE terminal

CSA rating data

Min. cross-section (CSA)	AWG 6
Max. cross-section (CSA)	AWG 2/0

Conductors for clamping (rated connection)

Clamping range, min.	13.3 mm ²
Clamping range, max.	120 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	30 mm
Clamping screw	M 8
Blade size	S6 (DIN 6911)
Tightening torque range	6.0...12 Nm
Gauge to IEC 60947-1	B12
Solid, min.	16 mm ²
Solid, max.	16 mm ²
Stranded, min.	16 mm ²
Stranded, max.	120 mm ²
Flexible, min.	16 mm ²
Flexible, max.	95 mm ²
Flexible with ferrule, min. (DIN 46228/1)	16 mm ²
Flexible with ferrule, max. (DIN 46228/1)	95 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	35 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm ²
AWG conductor size, min.	AWG 6
AWG conductor size, max.	AWG 0
AWG conductor size, min.	13.3 mm ²
AWG conductor size, max.	53.51 mm ²

Dimensions

Width	27 mm
Height of lowest version	108 mm
Length	132 mm
TS 35 offset	66 mm

PE rating data

Centre screw on PE terminals	M 6
PEN function	Yes
Pollution severity	3
Rated cross-section	95 mm ²
Rated impulse withstand voltage to adjacent terminal	8 kV
Rated short-time current	11400 A (95 mm ²)
Rated voltage for adjacent terminal	1,000 V
Standards	IEC 60947-7-2
Tightening torque range for fixing screw	3.0...6.0 Nm

UL rating data

Min. cross-section (UL)	AWG 6
Max. cross-section (UL)	AWG 2/0

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
1016500000	WPE 1.5/ZZ	Earth terminal, 1.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
1036300000	WDK 2.5PE	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green, TS 35
1010000000	WPE 2.5	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
1016400000	WPE 2.5/1.5/ZR	Earth terminal, 2.5 mm ² , Screw connection, Wemid, green/yellow, TS 35
1010100000	WPE 4	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35

1905130000	WPE 4/ZZ	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
1905120000	WPE 4/ZR	Earth terminal, 4 mm ² , Screw connection, Wemid, green/yellow, TS 35
1010200000	WPE 6	Earth terminal, 6 mm ² , Screw connection, Wemid, green/yellow, TS 35
1010300000	WPE 10	Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35
1042500000	WPE 10/ZR	Earth terminal, 10 mm ² , Screw connection, Wemid, green/yellow, TS 35
1010400000	WPE 16	Earth terminal, 16 mm ² , Screw connection, Wemid, green/yellow, TS 35
1010500000	WPE 35	Earth terminal, 35 mm ² , Screw connection, Wemid, green/yellow, TS 35
1019700000	WPE 120/150	Earth terminal, 120 mm ² , Screw connection, Wemid, green/yellow, TS 35