



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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Potential collective terminal - PTU 16/14X2,5 GY - 3214016

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Potential collective terminal, nom. voltage: 1000 V, nominal current: 25 A, connection method: Push-in connection, Screw connection, number of connections: 15, cross section: 1 mm² - 2.5 mm², AWG: 18 - 14, width: 17.5 mm, color: gray, mounting type: NS 35/7,5, NS 35/15



Why buy this product

- The terminal block base is ideal for use in building installation and machine building applications
- The Push-in connection terminal blocks are characterized by the system features of the CLIPLINE complete system and by easy and tool-free wiring of conductors with ferrules or solid conductors
- The compact design and front connection enable wiring in a confined space
- In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key Commercial Data

Packing unit	10 STK
GTIN	
GTIN	4046356701723

Technical data

General

Number of levels	1
Number of connections	15
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	8 kV
Degree of pollution	2
Overvoltage category	III
Insulating material group	I
Maximum power dissipation for nominal condition	2.43 W (the value is multiplied when connecting multiple levels)
Connection method	Push-in connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1

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Technical data

General

Maximum load current	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal current I_N	25 A (The sum of the individual currents may not exceed the max. value of 80 A)
Nominal voltage U_N	1000 V
Connection method	Screw connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Maximum load current	80 A (with 25 mm ² conductor cross section)
Nominal current I_N	80 A (with 16 mm ² conductor cross section)
Nominal voltage U_N	1000 V
Open side panel	No

Dimensions

Width	17.5 mm
Length	89.5 mm
Height NS 35/7,5	36 mm
Height NS 35/15	43.5 mm

Connection data

Connection method	Push-in connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Conductor cross section solid min.	1 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section AWG min.	18
Conductor cross section AWG max.	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.75 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1.5 mm ²
Internal cylindrical gage	A3
Connection method	Screw connection
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
Screw thread	M5
Tightening torque, min	2 Nm
Tightening torque max	3 Nm
Stripping length	12 mm
Conductor cross section solid min.	1.5 mm ²
Conductor cross section solid max.	25 mm ²
Conductor cross section AWG min.	16
Conductor cross section AWG max.	4
Conductor cross section flexible min.	1 mm ²
Conductor cross section flexible max.	16 mm ²

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Technical data

Connection data

Min. AWG conductor cross section, flexible	18
Max. AWG conductor cross section, flexible	6
Conductor cross section flexible, with ferrule without plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	16 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	1 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	16 mm ²
2 conductors with same cross section, solid min.	1.5 mm ²
2 conductors with same cross section, solid max.	10 mm ²
2 conductors with same cross section, stranded min.	1.5 mm ²
2 conductors with same cross section, stranded max.	6 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	6 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	1.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	6 mm ²

Standards and Regulations

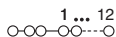
Connection in acc. with standard	VDE 0609, Part 1/EN 60999-1
	VDE 0609, Part 1/EN 60999-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

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Approvals

Approval details

EAC		EAC-Zulassung
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