

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

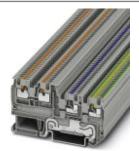








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Sensor/actuator terminal block, Connection method: Push-in connection, Cross section: 0.14 mm² - 1.5 mm², AWG: 26 - 14, Width: 3.5 mm, Color: gray, Mounting type: NS 35/7,5, NS 35/15

Product Features

- 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
- ☑ In addition to the testing facility in the double function shaft, all terminal blocks provide an additional test connection



Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	9.2 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	3	
Number of connections	4	
Color	gray	
Insulating material	PA	
Inflammability class according to UL 94	V0	
Maximum load current	13.5 A	
Rated surge voltage	4 kV	
Pollution degree	3	
Surge voltage category	III	
Insulating material group	I	



Technical data

General

Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-2	
Nominal current I _N	13.5 A	
Nominal voltage U _N	250 V	
Open side panel	ja	
Shock protection test specification	DIN EN 50274 (VDE 0660-514):2002-11	
Back of the hand protection	guaranteed	
Finger protection	guaranteed	
Surge voltage test setpoint	4.8 kV	
Result of surge voltage test	Test passed	
Power frequency withstand voltage setpoint	1.5 kV	
Result of power-frequency withstand voltage test	Test passed	
Checking the mechanical stability of terminal points (5 x conductor connection)	Test passed	
Bending test rotation speed	10 rpm	
Bending test turns	135	
Bending test conductor cross section/weight	0.14 mm² / 0.2 kg	
	1.5 mm² / 0.4 kg	
Result of bending test	Test passed	
Conductor cross section tensile test	0.14 mm²	
Tractive force setpoint	10 N	
Conductor cross section tensile test	1.5 mm²	
Tractive force setpoint	40 N	
Tensile test result	Test passed	
Tight fit on carrier	NS 35	
Setpoint	1 N	
Result of tight fit test	Test passed	
Requirements, voltage drop	≤ 3.2 mV	
Result of voltage drop test	Test passed	
Temperature-rise test	Test passed	
Conductor cross section short circuit testing	1.5 mm²	
Short-time current	0.18 kA	
Short circuit stability result	Test passed	
Ageing test for screwless modular terminal block temperature cycles	192	
Result of aging test	Test passed	
Proof of thermal characteristics (needle flame) effective duration	30 s	
Result of thermal test	Test passed	
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03	



Technical data

General

Test spectrum	Service life test category 2, bogie mounted	
Test frequency	$f_1 = 5 \text{ Hz to } f_2 = 250 \text{ Hz}$	
ASD level	6.12 (m/s²)²/Hz	
Acceleration	3.12 g	
Test duration per axis	5 h	
Test directions	X-, Y- and Z-axis	
Oscillation, broadband noise test result	Test passed	
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03	
Shock form	Half-sine	
Acceleration	30 g	
Shock duration	18 ms	
Number of shocks per direction	3	
Test directions	X-, Y- and Z-axis (pos. and neg.)	
Shock test result	Test passed	
Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21))	130 °C	
Static insulating material application in cold	-60 °C	

Dimensions

Width	3.5 mm
Length	74.4 mm
Height NS 35/7,5	41.5 mm
Height NS 35/15	49 mm

Connection data

Connection in acc. with standard	IEC 60947-7-1 / IEC 60947-7-2
Connection method	Push-in connection
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	1.5 mm²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	14
Conductor cross section stranded min.	0.14 mm²
Conductor cross section stranded max.	1.5 mm ²
Min. AWG conductor cross section, stranded	26
Max. AWG conductor cross section, stranded	14
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm²



Technical data

Connection data

Stripping length	8 mm
Internal cylindrical gage	A1 / B1

Classifications

eCl@ss

eCl@ss 4.0	27141118
eCl@ss 4.1	27141118
eCl@ss 5.0	27141118
eCl@ss 5.1	27141118
eCl@ss 6.0	27141128
eCl@ss 7.0	27141128
eCl@ss 8.0	27141128

ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC000897
ETIM 5.0	EC000900

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

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Ex Approvals

Approvals submitted



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Approval details		
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Drawings		
	Circuit diagram	
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