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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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Distribution block, Block with horizontal alignment, nom. voltage: 500 V, nominal current: 24 A, connection method: Push-in connection, number of connections: 6, cross section:0.14 mm² - 4 mm², AWG: 26 - 12, width: 15.6 mm, height: 30 mm, color: white, mounting type: NS 15

Why buy this product

- Time savings of up to 80%, thanks to ready-to-mount blocks without manual bridging
- Time-saving conductor connection, thanks to tool-free Push-in direct connection technology
- Clear wiring, thanks to eleven different color variants
- Flexible use, thanks to DIN rail mounting, direct mounting or adhesive mounting
- Space savings of up to 50% on the DIN rail, thanks to transverse mounting



Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	4 055626 393476
GTIN	4055626393476

Technical data

General

Note	Notes on operation The blocks can be bridged with one another via the conductor shaft. For corresponding plug-in bridges, see accessories	
Number of levels	1	
Number of connections	6	
Potentials	1	
Nominal cross section	2.5 mm ²	
Color	white	
Insulating material	PA	
Flammability rating according to UL 94	V0	
Rated surge voltage	6 kV	
Degree of pollution	3	



Technical data

General

Overvoitage category III Insulating material group III Maximum power dissipation for nominal condition Maximum load current Nominal current I _N 24 A Nominal voltage U _N Open side panel No Shock protection test specification DIN EN 50274 (YDE 0660-514)-2002-11 Back of the hand protection guaranteed Finger protection guaranteed Finger protection guaranteed Finger voltage test setpoint Result of power-frequency withstand voltage test Test passed Surge voltage test setpoint Result of power-frequency withstand voltage setpoint Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed Pending test rotation speed Bending test rotation speed Pending test trotation speed Result of high test turns 135 Bending test trotation speed A mm² / 0.2 kg Test passed Conductor cross section tensile test Tractive force setpoint Result of high fit on support Tractive force setpoint Conductor cross section tensile test Tractive force setpoint Tractive force setpoint Result of themperature-rise test Test passed Requirements, voltage-drop test Test passed Requirements, voltage-drop test Test passed Conductor cross section short circuit testing Short-lime current O.48 kA			
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Conductor cross section short circuit testing 4 mm²	Conductor cross section short circuit testing	2.5 mm ²	
J .	Short-time current	0.3 kA	
Short-time current 0.48 kA	Conductor cross section short circuit testing	4 mm²	
	Short-time current	0.48 kA	



Technical data

General

Result of thermal test	Test passed
Ageing test for screwless modular terminal block temperature cycles	192
Proof of thermal characteristics (needle flame) effective duration	30 s
Result of aging test	Test passed
Oscillation, broadband noise test result	Test passed
Test specification, oscillation, broadband noise	DIN EN 50155 (VDE 0115-200):2008-03
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/s ²) ² /Hz
Acceleration	3.12 g
Test duration per axis	5 h
Test directions	X-, Y- and Z-axis
Shock test result	Test passed
Test specification, shock test	DIN EN 50155 (VDE 0115-200):2008-03
Shock form	Half-sine
Acceleration	30g
Shock duration	18 ms
Number of shocks per direction	3
Test directions	X-, Y- and Z-axis (pos. and neg.)
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Static insulating material application in cold	-60 °C
Behavior in fire for rail vehicles (DIN 5510-2)	Test passed
Flame test method (DIN EN 60695-11-10)	V0
Oxygen index (DIN EN ISO 4589-2)	>32 %
NF F16-101, NF F10-102 Class I	2
NF F16-101, NF F10-102 Class F	2
Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Dimensions

Width	15.6 mm
Length	28.2 mm
Height	30 mm



Technical data

Dimensions

Height NS 15	22	
Height NO 10	[33 mm	
-		

Connection data

Connection method	Push-in connection
Connection in acc. with standard	IEC 60947-7-1
Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	12
Conductor cross section flexible min.	0.14 mm²
Conductor cross section flexible max.	2.5 mm ²
Min. AWG conductor cross section, flexible	26
Max. AWG conductor cross section, flexible	14
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm²
Stripping length	8 mm 10 mm
Internal cylindrical gage	A3

Standards and Regulations

Connection in acc. with standard	IEC 60947-7-1
Flammability rating according to UL 94	V0
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3

Environmental Product Compliance

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

Drawings

Circuit diagram

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Approvals

Approvals



Approvals

Approvals

CSA / DNV GL

Ex Approvals

Approval details

CSA	(P	http://www.csagroup.org/services-industries/product-listing/ 13631		
	D	В	С	
Nominal voltage UN	600 V	300 V	300 V	
Nominal current IN	5 A	20 A	20 A	
mm²/AWG/kcmil	26-12	26-12	26-12	

DNV GL	http://exchange.dnv.com/tari/ TAE00002	
Nominal voltage UN	500 V	
Nominal current IN	24 A	

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