



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



Functional block - ST-REL3-KG 24/ 1/SO38 - 2829564

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Relay connector for high inrush currents, contacts (AgCdO+capacitive W): medium to large loads, 1 N/O contact, input voltage 24 V DC, max. inrush current 10 A

Product Features

- ✓ Can be snapped onto standard EN DIN rails
- ✓ Clear terminal marking using Phoenix Contact labeling material
- ✓ Modular DIN-rail mountable EMG housing with 17.5 mm design width
- ✓ User-friendly plug-in housing
- ✓ Easy maintenance



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 078515
Weight per Piece (excluding packing)	43.79 GRM
Custom tariff number	85364190
Country of origin	Germany

Technical data

Dimensions

Width	20.8 mm
Height	42.5 mm
Depth	112 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
---------------------------------	------------------

Functional block - ST-REL3-KG 24/ 1/SO38 - 2829564

Technical data

Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
---	------------------

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.85 ... 1.1
Typical input current at U_N	28 mA
Typical response time	13 ms
Typical release time	15 ms
Operating voltage display	Yellow LED
Protective circuit	Free-wheeling diode Damping diode

Contact side

Contact type	1 N/O contact with lead contact
Contact material	AgCdO
Maximum switching voltage	250 V AC
Maximum inrush current	80 A (20 ms)
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. 10^7 cycles
Standards/regulations	IEC 60664
	EN 50178
	IEC 62103
Rated surge voltage / insulation	Basic insulation
Pollution degree	2
Surge voltage category	III
Assembly instructions	Horizontal with zero spacing, vertical with spacing

Connection data

Connection method	Screw connection
-------------------	------------------

Classifications

eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001

Functional block - ST-REL3-KG 24/ 1/SO38 - 2829564

Classifications

eCl@ss

eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Approvals

Approvals

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

GOST 
--

Functional block - ST-REL3-KG 24/ 1/SO38 - 2829564

Approvals



Drawings

Circuit diagram

