# V23047A1012A511 ACTIVE



## SCHRACK | SCHRACK SR2M

TE Internal #: 1393258-5

SCHRACK SR2M, Power Relays, Force-Guided, Monostable, DC, 600 – 800mW Coil Power Rating Class, 699mW Coil Power Rating

DC,  $206\Omega$  Coil Resistance

View on TE.com >



Relays, Contactors & Switches > Relays > Power Relays



Power Relay Type: Force-Guided

Coil Magnetic System: Monostable, DC Coil Power Rating Class: 600 – 800 mW

Coil Power Rating DC: 699 mW

Coil Resistance: 206  $\Omega$ 

#### **Features**

## **Product Type Features**

Power Relay Type	Force-Guided
Electrical Characteristics	
Insulation Initial Dielectric Between Coil & Contact Class	3500 – 4000 V
Insulation Initial Dielectric Between Open Contacts	1500 Vrms
Contact Limiting Making Current	6 A
Contact Limiting Short-Time Current	6 A
Contact Limiting Continuous Current	6 A
Insulation Creepage Class	5.5 – 8 mm
Insulation Initial Dielectric Between Adjacent Contacts	3000 Vrms
Insulation Initial Dielectric Between Contacts & Coil	4000 Vrms
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Contact Limiting Breaking Current	6 A
Coil Magnetic System	Monostable, DC
Coil Power Rating Class	600 – 800 mW
Coil Power Rating DC	699 mW
Coil Resistance	206 Ω
Coil Voltage Rating	12 VDC
Contact Switching Load (Min)	10mA @ 5V



Contact Christopin or Valtagra (Mary)	400 V/A C
Contact Switching Voltage (Max)	400 VAC
Contact Voltage Rating	250 VAC
Body Features	
Product Weight	20 g[.706 oz]
Contact Features	
Contact Special Features	Force Guided Contacts
Contact Arrangement	1 Form A (NO) + 1 Form B (NC)
Contact Current Class	5 – 10 A
Contact Current Rating (Max)	6 A
Contact Material	AgNi
Contact Number of Poles	2
Terminal Type	PCB-THT
Mechanical Attachment	
Relay Mounting Type	Printed Circuit Board
Dimensions	
Length Class (Mechanical)	25 – 30 mm
Insulation Clearance Class	5 – 8 mm
Height Class (Mechanical)	25 – 30 mm
Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Width Class (Mechanical)	12 – 16 mm
Product Width	12.6 mm[.496 in]
Product Length	29 mm[1.142 in]
Product Height	25.5 mm[1.004 in]
Usage Conditions	
Environmental Ambient Temperature Class	-25 – 70 °C
Environmental Ambient Temperature (Max)	70 °C[158 °F]
Packaging Features	
Packaging Method	Box & Tube, Tube
Other	
Comment	Well suited for emergency shut-off, machine control, elevator and escalator control, light barrier control



# **Product Compliance**

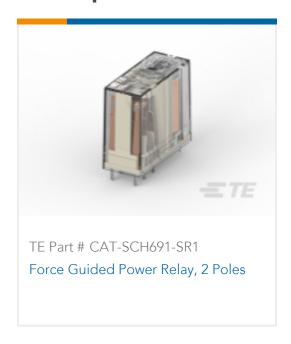
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 260°C

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# **Compatible Parts**

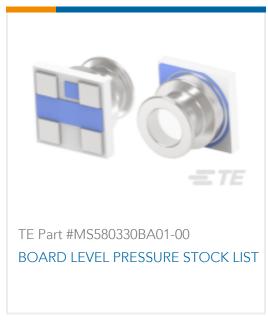


Also in the Series | SCHRACK SR2M





# Customers Also Bought



















# **Documents**

**CAD Files** 

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1393258-5\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1393258-5\_C.3d\_igs.zip



English

**Customer View Model** 

ENG\_CVM\_CVM\_1393258-5\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

## Datasheets & Catalog Pages

Safety Relay SR2M

English

Industrial Relays Quick Reference Guide

English

Industrial Relays Quick Reference Guide

Japanese

Industrial Relays Quick Reference Guide

## **Product Specifications**

Definitions, Handling, Processing, Testing and Use of Relays

English

## **Agency Approvals**

**VDE** Certificate

English