



FORCE-GUIDED RELAYS



Active

TE CONNECTIVITY (TE) V23047-A1012-A501

Schrack | SR2M

V23047A1012A501

TE Internal Number: 1393258-4

Alias ID: V23047-A1012-A501

Converted to EU RoHS/ELV Compliant

Contact Number of Poles **2**

Contact Arrangement **2 Form C (CO)**

Coil Voltage Rating (VDC) **12**

Contact Current Rating (A) **6**

Contact Voltage Rating (VAC) **250**

Catalog Pages/Data Sheets

[Safety Relay SR2M](#)

PDF
English

Product Specifications

Product Specification

[Definitions Relays](#)

PDF
English

Please review product documents or [contact us](#) for the latest agency approval information.

Product Type Features

Product Type

Relay

Relay Type

Force Guided Relay SR2M

Electrical Characteristics

Coil Voltage Rating (VDC)

12

Contact Voltage Rating (VAC)

250

Coil Power Rating (DC) (mW)

699

Contact Switching Voltage (Max) (VAC)

400

Contact Limiting Continuous Current (A)

8

Insulation Initial Dielectric Between
Coil/Contact Class

2500 – 3000 V

Coil Current

58.252

Contact Switching Load (Min)

10mA @ 5V

Coil Power Rating Class (mW)

600 – 800

Insulation Creepage Between Contact and Coil **8 mm [.315 in]**

| | |
|--|-----------------------|
| Contact Limiting Breaking Current (A) | 8 |
| Coil Resistance (Ω) | 206 |
| Insulation Initial Dielectric Between Open Contacts (Vrms) | 1500 |
| Coil Magnetic System | Monostable, DC |
| Insulation Initial Dielectric Between Adjacent Contacts (Vrms) | 3000 |
| Insulation Initial Dielectric Between Contacts and Coil (Vrms) | 4000 |
| Insulation Creepage Class | 5.5 – 8 mm |
| Contact Limiting Making Current (A) | 8 |
| Contact Limiting Short-Time Current (A) | 8 |

| | | |
|---------------|--------|-------------------------|
| Body Features | Weight | 20 g [.705 oz] |
|---------------|--------|-------------------------|

| | | |
|------------------|----------------------------|---------------------------------------|
| Contact Features | Contact Number of Poles | 2 |
| | Contact Arrangement | 2 Form C (CO) |
| | Contact Current Rating (A) | 6 |
| | Contact Material | AgNi |
| | Terminal Type | PCB-THT |
| | Contact Special Features | Single Button, Forcibly Guided |
| | Contact Current Class | 5 – 10 A |

| | | |
|-----------------------|---------------|------------------------------|
| Mechanical Attachment | Mounting Type | Printed Circuit Board |
|-----------------------|---------------|------------------------------|

| | | |
|------------|---|----------------------------|
| Dimensions | Length | 29 mm [1.142 in] |
| | Height | 25.5 mm [1 in] |
| | Insulation Clearance Between Contact and Coil | 8 mm [.315 in] |
| | Insulation Clearance Class | 5 – 8 mm |
| | Width Class (Mechanical) | 12 – 16 mm |
| | Height Class (Mechanical) | 25 – 30 mm |
| | Width | 12.6 mm [.496 in] |
| | Length Class (Mechanical) | 25 – 30 mm |

| | | |
|------------------|---|-------------------------|
| Usage Conditions | Environmental Category of Protection | RTIII |
| | Environmental Ambient Temperature (Max) | 70 °C [158 °F] |
| | Environmental Ambient Temperature Class | -25 – 70°C |

| | | |
|--------------------|------------------|-----------------------|
| Packaging Features | Packaging Method | Tape, Tube/Box |
|--------------------|------------------|-----------------------|

Other

Comment





Well suited for emergency shut-off, machine control, elevator and escalator control, light barrier control

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

| SURFACE MOUNT RESISTORS | SURFACE MOUNT RESISTORS | HEAT SHRINK TUBING | PCB D-SUB CONNECTORS |
|--|---|--|---|
|  <p>CRGH0603 5% 68K 0.2W CRGH0603J68K</p> |  <p>CRG0805 1% 18R CRG0805F18R</p> |  <p>VERSAFIT-1-KT1-REFILL VERSAFIT-1-KT1-REFILL</p> |  <p>25 RCPT ACT PIN/MS MED STD 5745922-2</p> |
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