

**RY211012** ✓ ACTIVE

SCHRACK

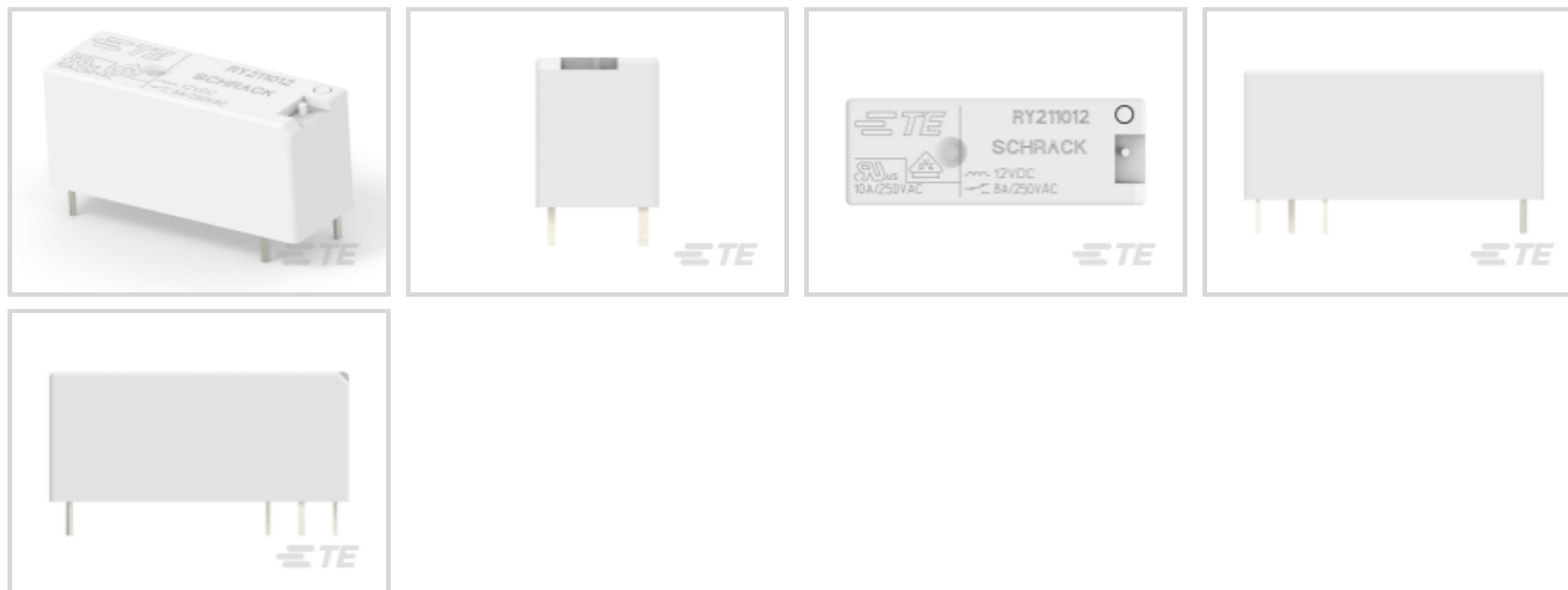
TE Internal #: 4-1393224-6

General Purpose Power Relay, DC, Monostable, 1 Form C SPDT-CO, 8 A Contact Rating, 12 VDC Coil Voltage, 250 VAC Contact Voltage, .23 W Coil Power

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Relays & Contactors > Electromechanical Relays



Relay & Contactor Type: **General Purpose Power Relay**

Coil Magnetic System: **Monostable**

Contact Arrangement: **1 Form C SPDT-CO**

Current Type: **DC**

Contact Current Rating: **8 A**

## Features

### Product Type Features

Relay & Contactor Type	General Purpose Power Relay
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### Configuration Features

Contact Number of Poles	1
Coil Special Features	UL Coil Insulation Class F
Contact Arrangement	1 Form C SPDT-CO

### Electrical Characteristics

Contact Limiting Short-Time Current	8 A
Contact Limiting Continuous Current	8 A
Contact Switching Voltage (Max)	400 VAC
Contact Switching Load (Min)	10mA @ 12V
Insulation Initial Dielectric Between Open Contacts	1000 Vrms
Contact Limiting Making Current	8 A
Contact Limiting Breaking Current	8 A
Coil Resistance	627 Ω



Contact Current Rating	8 A
Coil Voltage Rating	12 VDC
Contact Voltage Rating	250 VAC
Coil Power Rating DC	.23 W
Insulation Initial Dielectric Between Contacts & Coil	5000 Vrms

### Body Features

Product Weight	8 g[.282 oz]
Enclosure Type	Flux Proof Automatic Soldering

### Contact Features

Contact Material	AgNi0.15
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### Termination Features

Main Termination & Connection Type	Solder Pins
Coil Termination & Connection Type	Solder Pins

### Mechanical Attachment

Product Mount Type	Printed Circuit Board
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### Dimensions

Insulation Clearance Between Contact & Coil	8 mm[.315 in]
Insulation Creepage Between Contact & Coil	8 mm[.315 in]
Product Width	10.1 mm[.397 in]
Product Length	28.5 mm[1.12 in]
Product Height	12.3 mm[.484 in]

### Usage Conditions

Environmental Category of Protection	RTII
Environmental Ambient Temperature (Max)	70 °C[158 °F]

### Operation/Application

Solder Process	Wave Solder
Coil Magnetic System	Monostable
Current Type	DC

### Packaging Features

Packaging Method	Box & Tube, Tube
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### Other

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Environmental Ambient Temperature Class	50 – 70 °C
Coil Power Rating Class	.2 – .3 W
Contact Current Class	16 A
Height Class (Mechanical)	12 – 13 mm
Length Class (Mechanical)	25 – 30 mm
Width Class (Mechanical)	10 – 12 mm

### 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

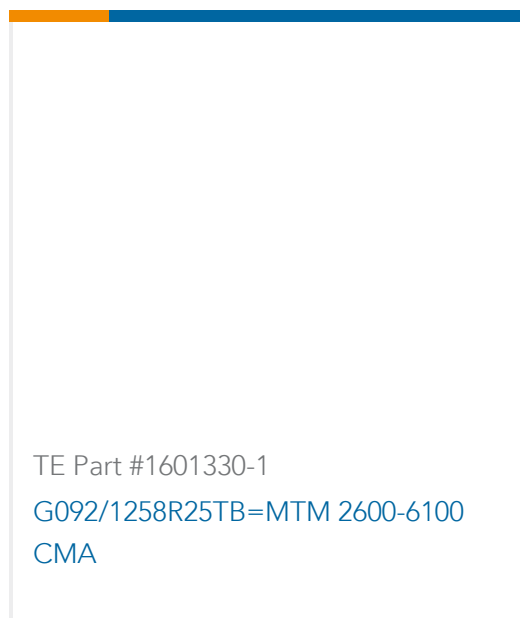
#### Product Compliance Disclaimer

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



## Customers Also Bought



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393224-6\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393224-6\\_D.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_4-1393224-6\\_D.2d\\_dxf.zip](#)

English

### 3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### Miniature Power PCB Relay RYII

English



## Product Specifications

### Definitions General Purpose Relays

English

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## Agency Approvals

### VDE Certificate

English