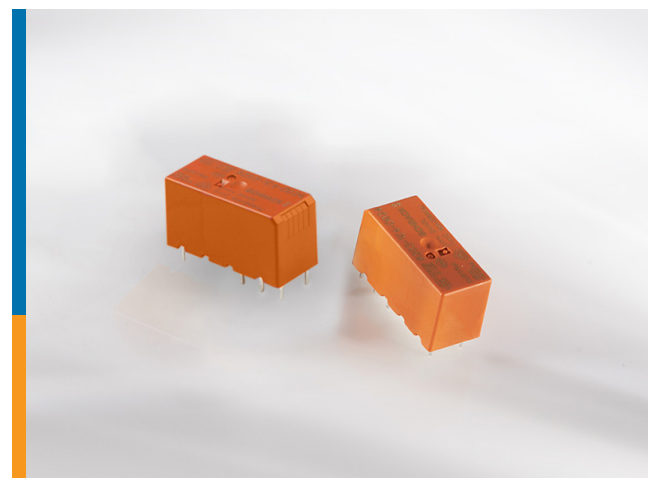


SCHRACK POWER PCB RELAY RZ SERIES

TE Connectivity (TE)'s SCHRACK Power PCB Relay RZ Series is suitable for a broad range of applications within the industrial, building automation and equipment and in appliance industries. This relay features a unique weld breaker mechanism to overcome micro welding and help improve life time. The RZ series includes single-pole relays with normally open or changeover contacts as well as standard versions for 85°C ambient temperature and high temperature models for 105°C (RZH Series). The 16A class is a global standard platform and the RZ relay is approved at UL, VDE and CQC.



Applications

- Heating elements
- Pump controls
- Boiler Control
- Heating systems controllers
- Air conditioning systems
- Lighting
- Timer
- Door control
- Time switches
- Interface modules
- Machinery controls
- Energy controls and distribution

Electrical

- Rated Voltage 250VAC
- Rated Current up to 16A
- Rated coil power 400mW
- Reinforced insulation 5kV / 10mm coil-contact

Mechanical

- 1 pole 12/16A
- 1 form C (CO) or 1 form A (NO) contact
- Ambient temperature 85°C, HOT version 105°C

Specifications

- [See Datasheet RZ Series \(Standard version\)](#)
- [See Datasheet RZH Series \(High temperature version\)](#)

Materials

- Contact material AgNi or AgSnO₂

Product Compliance / Approvals

- RoHS compliant, Cd free
- IEC 60335-1 compliant, new glow wire tests
- UL, VDE and CQC approved

Key Benefits

- Global standard platform for 16 Amp applications
- Designed to overcome micro welding in the contact interface to improve life time
- Single-pole relays with normally open or changeover contacts
- Standard versions for 85°C ambient temperature and high temperature versions for 105°C

Product Key

Type	Coil Version	Contact Material	Contact Configuration	Cover Version
RZ Power PCB Relay RZ	Coil code; please refer to coil versions table	4 AgNi 90/10	1A 1 form A (1 NO) contact	Blank Standard (Orange)
Version		3 AgSnO ₂ (Not available for High Temperature and High Performance versions)	1C 1 form C (1 CO) contact	R Reinforced Flux Proof (Epoxy)
Version				
1 3.5mm pinning, 12 A (not for High Temperature version)				
2 5mm pinning, 12 A (only for standard version)				
3 5mm double pinning, 16 A				
H High Performance 5mm double pinning, 16 A				

Product Selection Information

Part Number	Description	Cover	High Temp Version
4-1415899-7	RZ03-1A3-D005	Orange	N
4-1415899-9	RZ03-1A3-D012	Orange	N
5-1415899-0	RZ03-1A3-D024	Orange	N
2-2158000-9	RZ03-1A3-D024-R	Orange	N
1-1415899-3	RZ03-1A4-D005	Orange	N
1-1415899-6	RZ03-1A4-D012	Orange	N
7-1415899-5	RZ03-1A4-D012-R	Orange	N
1-1415899-7	RZ03-1A4-D024	Orange	N
9-1415899-1	RZ03-1A4-D024-R	Orange	N
5-1415899-2	RZ03-1C3-D005	Orange	N
5-1415899-4	RZ03-1C3-D012	Orange	N
5-1415899-5	RZ03-1C3-D024	Orange	N
1-1415899-9	RZ03-1C4-D005	Orange	N
7-1415899-6	RZ03-1C4-D005-R	Orange	N
2-1415899-2	RZ03-1C4-D012	Orange	N
7-1415899-7	RZ03-1C4-D012-R	Orange	N
2-1415899-3	RZ03-1C4-D024	Orange	N
7-1415899-9	RZ03-1C4-D024-R	Orange	N
9-1415899-4	RZ0H-1A4-D012	Orange	N

Part Number	Description	Cover	High Temp Version
9-1415899-0	RZH3-1A3-D012	Orange	Y
2-1415899-8	RZH3-1A4-D012	Orange	Y
2-1415899-5	RZH3-1C4-D012	Orange	Y
2-1415899-6	RZH3-1C4-D024	Orange	Y
6-1415899-4	RZHH-1A4-D005	Orange	Y
6-1415899-7	RZHH-1A4-D024	Orange	Y

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