

INTRODUCING RZF SERIES POWER RELAY

- Saves vertical space above the PCB with a height about 19% less than similar relays
- Keeps 16 amp load current off the PCB with top-mounted quick connect tab terminals



TE Connectivity (TE) introduces the RZF series power relay. This compact relay offers through-hole technology (THT) printed circuit board (PCB) terminals plus top-mounted 0.187 x 0.020 in (4.8 x 0.5 mm) quick connect tab terminals for load connections. Its low-profile design results in a mounted height about 19% less than that of some previous generation PCB relays with similar features and top-mounted tabs. Contacts in a 1 form A (normally open) arrangement are rated 16 amps at 250 volts AC, resistive. The 530mW coil is offered in 5 through 48 volt DC versions.

KEY BENEFITS

- Saves vertical space above the PCB with a height about 19% less than similar relays
- Keeps 16 amp load current off the PCB with top-mounted quick connect tab terminals
- Operates in ambient temperatures up to 85°C
- Provides at least 5kV dielectric between contacts and coil
- Complies with IEC 60335-1, 5th edition (GWT)

MECHANICAL

- Contact arrangement: 1 form A (NO)
- PCB mounting with quick connects
- Low-profile, flux-proof plastic case

ELECTRICAL

- Rated current: 16 amps
- Rated voltage: 250 volts AC
- Coil power: 530mW
- Coil voltage: 5 through 48 volt DC models

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[RZF relay landing page](#)

[RZF relay product flyer](#)

[RZF data sheet](#)

TARGET MARKETS

- Major appliance
- Building equipment
- Commercial equipment

APPLICATIONS

- Microwave ovens and cooking ranges
- Water heaters and air conditioners
- Vending machines

MATERIALS

- Contact material: Silver nickel

ENVIRONMENTAL

- Operating temperature range: -40 to +85°C

STANDARDS & SPECIFICATIONS

- UL recognized, file E214025
- VDE approved, certificate 40046175
- CQC certified, certificate 170021755064