

## INTRODUCING

# POTTER & BRUMFIELD RELAY T9V SERIES

- Help achieve better isolation with extended contact gap
- Save space with a small, yet powerful 40A/250VAC relay



TE Connectivity's (TE) Potter & Brumfield power PCB relay T9V series is designed primarily for electrical vehicle charging stations, charging cables and for photovoltaic inverter applications. The extended contact gap (> 1.8 mm) of this relay helps provide better isolation and allows usage in higher elevation environments. Other applications include stand by power units, washing machines and dryer disconnections. The T9V series relay is UL recognized, VDE, TUV and CQC approved and allows coil holding voltage reduction down to 4.7V.

### BENEFITS

- Provide an ideal solution for disconnect switch applications
- Enable high current switching (9 kW single and 27 kW 3 phase solar inverters)
- Provide a solution for CAD-free application requirements
- Allow for coil holding voltage reduction down to 4.7V

### APPLICATIONS

- Electrical vehicle loading stations
- Electrical vehicle charging cables
- Photovoltaic inverter
- Stand by power units
- Washing machines
- Dryers

### STANDARDS & SPECIFICATIONS

- VDE 40030974
- UL E58304
- CQC16002145203
- TUV R50369970

### ELECTRICAL

- Contact gap: >1.8mm
- Rated current: 40A
- Rated voltage: 250VAC

### MECHANICAL

- 1 form A (NO) contact, 40 A
- 350mW hold power
- Ambient temperature up to 85°C at 35 A

### MATERIALS

- Contact material: silver nickel

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