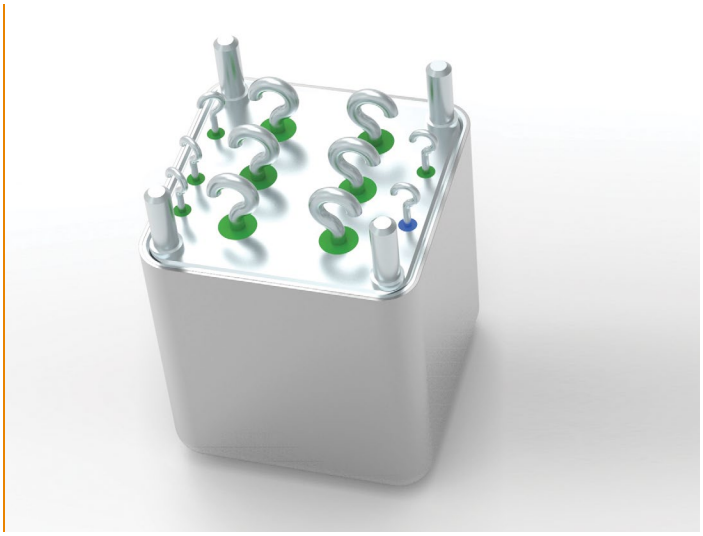
INTRODUCING

CII FCC-325 SERIES RELAY

- **Hermetically sealed, non-latching 25-AMP**
- **Auxiliary contacts designed and built in accordance with MIL-PRF-6106 specifications**
- **28 Vdc or 115 Vac coils**



The FCC-325 relay from TE Connectivity (TE) expands on the existing high-power switching capabilities of our current MS27418 relay by providing the added benefits of auxiliary contacts. The 2A SPDT auxiliary contacts can be used to perform additional functions related to the control of the relay such as providing circuit trip feedback status, turning on an indicator light, or other similar control functions. The FCC-325 relay is an excellent choice for harsh inductive, motor and lamp load applications needing additional connectivity.

TARGET MARKETS

- Military Aerospace
- Commercial Aerospace
- Defense
- Naval/Marine

APPLICATIONS

- Launch Systems
- Power Distribution
- Fuel Pumps
- Guidance and Navigation Systems
- Weapons Systems
- Ground Support Equipment
- Naval / Marine Equipment

KEY BENEFITS

- **RUGGED**
  - Hermetically sealed
  - Provides corrosion-resistance
  - All welded construction
  - No solder sealing
- **SPACE AND WEIGHT SAVING**
  - 1.5 inch cube enclosure / 0.452 lbs
- **CAPABLE**
  - Excellent for switching harsh inductive, motor, and lamp loads
  - -70°C to +125°C temperature range

ELECTRICAL

- **Dielectric Strength at Sea Level:**
  Coil to Case: 1250 Vrms
  All Other Points: 1500 Vrms
- **Dielectric Strength at 80,000 feet** (25,000 m): 500 Vrms (all points)
- **Insulation Resistance at 500 Vdc:**
  Initial: 100 MΩ min.
  After Life or Environmental Test: 50 MΩ min.
- **Contact Voltage Drop at Nominal Current:**
  Initial Value: 150 mV max.
  After Life: 175 mV max.

MECHANICAL/ENVIRONMENTAL

- **Temperature Range:** -70°C to +125°C
- **Altitude:** 80,000 feet
- **Sinusoidal Vibration:** 10 g/5 to 1000 Hz
- **Shock:** 50 g/11 ms

STANDARDS & SPECIFICATIONS

- Designed to the performance standards of MIL-PRF-6106

LEARN MORE

FCC-325 Landing Page

FCC-325 Parts List

FCC-325 Brochure

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