

INTRODUCING KILOVAC K250 HIGH VOLTAGE DC CONTACTOR

- Sets a new industry standard performance for current carry and isolation voltage relative to package size and weight
- Hermetically sealed



TE Connectivity (TE)'s K250 high voltage DC contactor is hermetically sealed and designed for harsh environments. It is rated at 250 amps continuous, with an isolation voltage of 1000 Vdc, offering bi-directional power switching capability. Additional key features include an electronic coil economizer for low power holding capability, as well as auxiliary contacts in a smaller size, lighter weight package.

KEY BENEFITS

RUGGED

- Hermetically sealed
- Designed for harsh environments

SMALL SIZE, LIGHTWEIGHT

- Small and lightweight for its service ratings compared to other contactors on the market

VERSATILE

- Bi-directional power switching
- Auxiliary contacts

RELIABLE

- Continuous current carry 250 amps
- Isolation voltage 1000 Vdc

KEY MARKETS

- Charging Systems
- Military and Commercial Ground Vehicle Power Systems
- Test Equipment

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[K250 Landing Page](#)

[K250 Brochure](#)

[K250 Parts List](#)

APPLICATIONS

- Power Distribution
- Alternative Energy
- Circuit Protection
- Energy and Battery Storage
- Motor Control Circuit Isolation

MATERIALS

- Contact arrangement: Main Contacts SPST-NO (form x)
- Auxillary contacts (.1A/6 Vdc) - 100 milliohm max) SPDT
- Weight, Nominal: 180g

MECHANICAL

- Shock, 11ms 1/2 sine (operating): 20G peak
- Sine Vibration, 15G_{pk}: 55-2000 Hz
- Operating Temperature Range: -40°C to +85°C
- Noise Emission (at 100mm distance): 70 dB (a)

ELECTRICAL

- Voltage Rating - Main Contacts (max): 1000 Vdc
- Mechanical Life: 100,000 cycles