

INTRODUCING

KILOVAC CAP120R HIGH VOLTAGE LATCHING CONTACTOR

- High voltage latching contactor in a small, lightweight and affordable package
- Hermetically-sealed - designed to withstand harsh environments



In responding to key industry needs for higher voltage isolation, small size and weight, and reduced power consumption, TE Connectivity's (TE) KILOVAC CAP120R Latching Contactor is extremely small in size and lightweight relative to its voltage and current ratings. The latching configuration also makes it ideally suited to airborne and other applications requiring low power consumption. It is designed for harsh environments and load applications.

This latching version of our popular CAP120 high voltage contactor offers extremely high performance in terms of its size and weight. The contactor also allows versatile installation through bidirectional load switching, and the main contacts are not polarity sensitive.

APPLICATIONS

- UAM/UAV Power Systems
- Power systems needing latching coils for reduced power consumption and lighter weight

TARGET MARKETS

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

FEATURES

- Hermetically-sealed
- Does not require continuous application of coil power
- Relatively low power consumption makes it ideal for aerospace applications

ELECTRICAL

- Voltage Rating, Main Contacts, Max: 600 Vdc
- Current Rating, Continuous, Main Contacts (1) 150 A
- Mechanical Life (Min): 100,000 Cycles

MECHANICAL

- Temperature Range: -40°C to +85°C
- Weight Nominal: 0.14 Kg
- Sine Vibration, 20 G: 55-2000 Hz
- Contact Arrangements, Main Contacts: SPST-NO, Form P

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