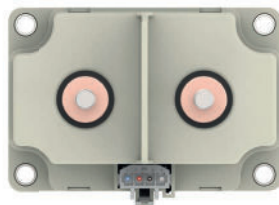


# HIGH VOLTAGE CONTACTORS

## ECP 600B SERIES UP TO 800AMP



### PRODUCT OVERVIEW

TE Connectivity (TE)'s ECP600B series high-voltage DC contractor is designed for control in high voltage environments like battery energy storage system, solar inverters, and EV charging applications. It can be used in 1500VDC voltage systems, and the enhanced insulation distance can fully meet the requirement of UL60947-4-1 & IEC60947- 4-1 standards. The contacts provided in this series, allows bi-directional load and hermetically sealed with ceramic sealing technology, makes it safe and reliable.

- Continuous carry current capability of 800A
- High performance in electrical endurance with Max breaking capacity up to 1500VDC at 1000A

### BENEFITS

- Hermetically sealed with ceramic technology ensuring high reliability
- Continuous carry current capability of 800A
- High performance in electrical endurance with Max. breaking capacity up to 1500VDC at 1000A
- Allows bi-directional load
- Dual coil design withholding 5.0W of power
- Equipped with auxiliary contact and smart monitoring for main contact status
- Complies with DC-1 utilization category in IEC60947-4

### APPLICATIONS

ECP600B contactors can be used for multiple applications including some of the below highlighted

- Battery energy storage systems
- Photovoltaic inverters
- Power conversion system
- Megawatt EV DC charger

### ELECTRICAL

- 200A, 1500VDC, >1000 cycles
- 600A, 1000VDC, >100 cycles
- 600A, 1500VDC, >20 cycles

### STANDARDS

- IEC 60947-4-1
- UL 60947-4-1

### APPROVALS

- UL
- TUV
- CE