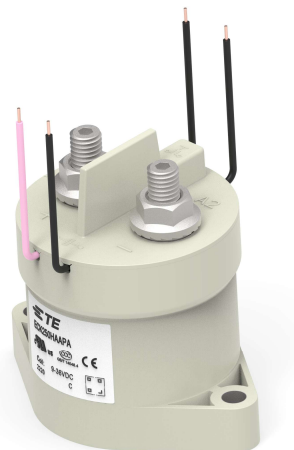


High Voltage Contactors

ECK150/200/250 Series

TE Connectivity (TE) introduces the **ECK150/200/250** high-voltage DC contactor series which is designed for control in new energy applications. The ECK product line is an innovative and reliable solution for EV charging stations, solar inverters, battery energy storage systems, automated-guided vehicles (AGV) and e-Forklifts, The ECK series is hermetically sealed with ceramic sealing technology making it safe and reliable. These contactors can be used in 1000VDC system applications.



Key Features

- Hermetically sealed with ceramic technology
- Switching voltage up to 1000VDC
- Built-in PWM economizer with hold power 1.7W
- Optional auxiliary contact
- Comply with DC-1 utilization category
- Global Approvals

Applications

- EV Charging
- Photovoltaic inverters
- Battery energy storage system
- Auto-Guided Vehicle
- E-forklift

Approvals

- UL (UL60947-4-1)
- CCC (GB/T 14048.4)
- CE (IEC60947-4-1)

Product Code

Product Code	Contact Form	Mounting Position	Coil	Coil Control Mode	Part Number
ECK150AAAPA	Normally Open	Bottom	9-36VDC	Built-in PWM economizer	N/A
ECK150HAAPA	Normally Open + N.O. Aux Contact	Bottom	9-36VDC	Built-in PWM economizer	N/A
ECK200AAAPA	Normally Open	Bottom	9-36VDC	Built-in PWM economizer	N/A
ECK200HAAPA	Normally Open + N.O. Aux Contact	Bottom	9-36VDC	Built-in PWM economizer	N/A
ECK250AAAPA	Normally Open	Bottom	9-36VDC	Built-in PWM economizer	N/A
ECK250HAAPA	Normally Open + N.O. Aux Contact	Bottom	9-36VDC	Built-in PWM economizer	N/A

Benefits

- High reliability
- High performance in electrical endurance
- Small size for space saving
- Low power consumption
- Smart monitoring for main contact status

Electrical

- Rated switch current: 150A, 200A, 250A
- Max switch voltage: 1000VDC
- Typical Rating (details see datasheet for each versions):
 - a) 150A, 1000VDC, 1000 cycles
 - b) 200A, 800VDC, 1000 cycles
 - c) 250A, 800VDC, 1000cycles
 - d) 250A, 450VDC, 6000cycles
 - e) 300A, 1000VDC, carry only

Mechanical

- Bottom mounted by flanged cover
- Lead wire length customize option available
- Size: 80.4mm × 52.8mm × 73mm