



EPS ELECTRONIC POWER SWITCH

[FEATURES]

- Continuous Output Current of 75 Amps @ 25°C
- Reliability of Solid State Components
- Wide Ambient Temperature Range
- Rugged Housing
- Heavy Duty Output Terminals

[BENEFITS]

- Applicable for a Wide Variety of Industrial and Automotive Applications
- No Need for Diode Suppression
- Over Voltage and Short Circuit Protected
- No Moving Components

[APPLICATIONS]

- Main Power Relay
- Air Inlet Heater Relay
- Start Relay
- Auxiliary Relay

[ELECTRICAL SPECIFICATIONS]

Voltage Rating	Nominal 9 to 32 Volts
Continuous Current	75 Amps at 25°C
Continuous Current	50 Amps at 125°C
Maximum Inrush Current	100 to 200 Amps, -40°C to +125°C time dependant
Input Switch Voltage	9 to 32 Volts

[ENVIRONMENTAL / ELECTRICAL TESTING]

Operating Temperature	-40°C to +125°C
Life Cycle	Tested to 1.5 Million Cycles without failure
Vibration	8 Gs Random, 3 Axis
Salt Spray	SAE J1455 Section 4.3
Drop Test	1.2 meter drop
Fluid Compatibility	Diesel Fuel, Water, Oil, Cleaning Fluid
Sealing	Sealed to +/-35.4 kPa; Dust proof, Steam Clean and Pressure Wash to SAE J1455
EMI/RFI	SAE J1113

[DIMENSIONS & CONDITIONS]

Weight	500 Grams
Harness / Connector	Deutsch / Amp / WeatherPak
Battery Terminal	5/16 - 24
Signal / GND Terminal	#10 - 32