

SHEV200 SERIES

ORDERING INFORMATION


SHEV200

P : Polarity
Nil : No polarity

A:1 Form A
H:1 Form A with auxiliary NO contact

COIL VOLTAGE Nil:DC 9V~36V
12:DC 12V
24:DC 24V

TYPE:100Amp



FEATURES:

- Rated 200A switching capacity
- Fill with high-purity nitrogen and using NdFeB magnet to blow out the arc
- Highly sealed, safe and reliable
- Contactor for onboard chargers, auxiliary loads and precharge systems
- The product meets the requirements of GB14048.4-2010
- Compliance with ROHS

COIL

NOMINAL VOLTAGE (VDC)	COIL RESISTANCE	COIL POWER (W)	PULL IN VOLTAGE (VDC)max.	DROP OUT VOLTAGE (VDC)min.
9~36V (use for 12 or 24VDC)	3.2x (1±10%)Ω	Pull in instant 4.5W(<100ms) Steady state 1.5W	8~9VDC	6~7VDC

CHARACTERISTICS

Item \ Type	200A
Operate Time	30msec Max.
Release Time	10msec Max.
Bounce Time(after close only)	5msec Max.
Dielectric Strength between coil & contact between open contact	AC2500V (leakage <1mA) AC2500V (leakage <1mA)
Insulation Resistance	Between open contacts 1000MΩ ≥ (at DC1000V) Between contact and coil 1000MΩ ≥ (at DC1000V)
Operating Ambient Temperature	-40°C ~ +85°C (no freezing)
Humidity	5 to 85% RH
Vibration Resistnce(Stability)	Double amplitude 1.5mm, frequency 10Hz~500Hz. 1 hour in each direction, the time for the opening of the closed loop or the closing of the open loop should not exceed 1ms
Shock Resistnce(Stability)	196m/s ² (Pulse duration 6ms), 6 times(6 times in each direction of the three mutually perpendicular axes, 36 times in total) The time for the opening of the closed loop or the closing of the open loop should not exceed 1ms
Weight	430.0g(approx.)

