












Product	EVC SERIES					EVR SERIES						
Current Rating	50A	100A	150A	250A	350A	20A	40A	100A	120A	150A	200A	
Dimensions LxWxH	 55x35x58.5	 55x35x58.5	 80.4x52.8x73	 80.4x52.8x73	 84.5x82x76.2	 78x39.2x35	 72x32.6x57.7	 77x40.4x76.2	 77x40.4x76.2	 79x41.1x84.3	 105.3x45x88	
Contact Configuration	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	1A	
Auxiliary Contact	X	O	O	O	O	X	X	X	X	X	O	
Characteristics	Ceramic seal structure, the contact chamber filled hydrogen mixed reducing gas, combined with magnetic blow-out					Ceramic seal structure, the contact chamber filled hydrogen mixed reducing gas, combined with magnetic blow-out						
Nominal Coil voltage	12V, 24V		9V-36V ECO			12V, 24V					12V, 24V ECO	
Contact Capacity Rated Load	50A 450V DC	100A 450V DC	150A 450V DC	250A 450V DC	350A 450V DC	20A 450V DC	40A 450V DC	100A 450V DC	120A 450V DC	150A 450V DC	200A 450V DC	
Min. Contact Capacity Load	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	1A 12V DC	
Lifespan	Mechanical	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	200,000 (ops)	
	Electrical	450V	Min 10,000 (ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)	Min 10,000(ops)
		750V	Min 3,000 (ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)	Min 3,000(ops)
Dielectric Strength	Between Open Contacts	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	2500V AC 60 Sec.10mA	
	Between Contact and Coil	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	4000V AC 60 Sec.10mA	
Nominal Operating Power	5.5W	5.5W	43.2W (0.1s) Keep.1.7w	43.2W (0.1s) Keep.1.7w	45.6W (0.1s) Keep.3.4w	3.6W	3W	4.5W	4.5W	6W	34W (0.1s) Keep.4w	

APPLICATIONS

- New Energy Vehicles (BEV,HEV,FCEV)
- Charging Station and Charging Pile
- Clean Energy: Solar Energy / Wind Power Generation System
- AGV (unmanned delivery vehicles), Golf Cart
- Medical Devices

- Construction Equipment and Construction
- Cloud Server and Driving Power Supply - UPS
- Ground Heating System; Quick Charge Power Supply
- Battery Charging and Discharging System



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