



SSRP1DC050

Weight (Net)	Gr	110
Connection Type	With terminal	
Operational Voltage	50-640V	
Product	Solid State Relay	
Current	Ie	50A
Operating Temperature	-25 / +70 °C (without condensation and frosting)	
Storage Temperature	-30 / +100 °C (without condensation and frosting)	
Protection Degree	IP20	
Screw Torque	For control line; 1,2Nm For load line; 2,2Nm	
Cable Section for Input Terminal	1,5mm ²	
Cable Section for Load Terminal	10mm ²	
Indicator	LED	
Min. Load Current	300mA	
Control Voltage	4-32V DC	
Min. Switching On Voltage	4V DC	
Min. Switching Off Voltage	3.0V DC	
Insulation Voltage (between input-output)	2500Vrms	
Min. Input Current	5mA	
Max. Output Current	15mA	
Max. Load Current (RMS) (AC51)	50A	
Load Voltage (RMS)	50-640V AC	
Load Frequency	50-60Hz	

Non-repetitive Surge Current F=50Hz, t=10ms, Tj=25°C Maximum Voltage Drop For Fuse I²t (for Max. 0,5 period Tj=25 °C) Serial Specifications  	450A
	1,8V
	1000 A ² sec
	SSR Series
	Compact design
	Fast and silent switching
	Long life
	Fingerproof design