

Specifications of SOLID-STATE RELAY (SSR)

(DC control Ac output - 16A single phase)

Quantity: 50 No's

Sl. No.	Description	Vendor compliance (Noted/ complied)
	Technical Specifications:	
	Input Parameters: (DC control)	
1.	Control voltage range (Typical)	4-32V DC
2.	Control Current range (Typical)	4-16 mA
3.	Pick-up voltage	4.0 V DC
4.	Reverse Polarity protection on input side (control)	Protected
	Output parameters: (AC control)	
5.	on state RMS current	16 Amps
6.	Mains control voltage	24-240 V AC
7.	Frequency Range	50 Hz \pm 3%
8.	ON state Voltage Drop	1.6 V AC or less
9.	OFF State Leakage Current	5 mA or less
10.	Isolation Voltage	2500 Vrms or better
11.	Heat Sink Supply	Externally Provided
	Salient parameters:	
12.	Mounting	Din rail
13.	Operating Temperature	+10 °C to +50 °C or better
14.	Ingress Protection	IP 20 or better
15.	Relay "ON" Status	LED Indicator
16.	Snubber circuit	Built in
17.	Dimensions or Size including heat sink (Typical)	80 < Height < 120mm, 25 < Width < 35mm, 75 < Depth < 110 mm
18.	Standard	SSR shall be confirming to relevant BIS standard with latest amendments or equivalent relevant International standards.

General Specifications:		
19.	Vendor should provide compliance statement for all above specification in point wise along with the quote. If the Compliance statement is not provided, the offer will not be considered without any further correspondence.	
20.	Product catalogue containing all the relevant details of the item specified should be provided along with offer.	
21.	Minimum of 1-year warranty should be provided for product supplied.	
22.	Item should be supplied in safe packed condition.	
23.	Part supply of the item is not acceptable. Evaluation shall be based on Overall L1 only	