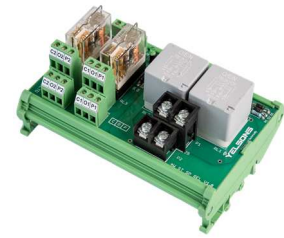


4W ST SP Relay Card

Features:-

- Relay Module for Industrial Suitability & Genset application.
- LED indication to denote relay actuation.
- Relay Coil Protection by means of a Freewheeling diode.
- Reverse polarity protection.
- Mounting Options available: DIN Rail mounting.



Technical Data

Relay ON Indication	3mm Green LED	
Relay Protection Method	Using 1N4007 Freewheeling Diode	
Ambient Operating Temperature	-20° C to +70° C	
Mounting Possibilities	DIN rail mounting	
Housing Colour	Green	
Housing Material	Polyamide	
Relay Input/Coil Specification		
	Power Relay	Glass Type Relay
Nominal Operating Voltage	12 V	12 V
Nominal Input Current	140 mA	50 mA
Must Operate Voltage	9.6 V	9.6 V
Must Release Voltage	4.8 V	1.9 V
Coil Resistance	75 Ω (+10%)	285 Ω (± 10%)
Dielectric Strength	500 VRMS	5000 VRMS
Operating Time	15 milli Sec.	15 milli Sec.
Release Time	15 milli Sec.	10 milli Sec.
Relay Output/Contact Specification		
Contact Type	SPST -1C	SPDT-2C
Contact Material	Silver Nickel /Tungsten	Silver Alloy
Rated Contact Current (Resistive Load)	70 A	5 A
Maximum Operating Frequency	10 ⁶ Operations	10 ⁶ Operations
Input Connection Specification		
Type of Connection	Screw Connection	
Pitch	7.5 mm	5.08 mm
Min. Wire Size	0.2 mm ²	0.2 mm ²
Max. Wire Size	4 mm ²	4 mm ²
Min. Wire Size (AWG)	24 AWG	24 AWG
Max. Wire Size (AWG)	12 AWG	12 AWG
Wire Stripping Length	8 mm	7 mm
Torque	0.5 N-m	0.5N-m
Output Connection Specification		
Type of Connection	Screw Connection	
Pitch	11.0 mm	5.08 mm
Min. Wire Size	0.5 mm ²	0.2 mm ²
Max. Wire Size	4 mm ²	4 mm ²
Min. Wire Size (AWG)	24 AWG	24 AWG
Max. Wire Size (AWG)	12 AWG	12 AWG
Wire Stripping Length	20 mm	7 mm
Torque	1.2 N-m	0.5 N-m