

ST SP Relay Card

Features:-

- Relay Module for Industrial Suitability and 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	
Nominal Operating Voltage	12 V
Nominal Input Current	140 mA
Must Operate Voltage	9.6 V
Must Release Voltage	4.8 V
Coil Resistance	75 Ω ($\pm 10\%$)
Dielectric Strength	500 VRMS
Operating Time	15 milli Sec.
Release Time	15 milli Sec.
Relay Output/Contact Specification	
Contact Type	SPST -1C
Contact Material	Silver Nickel /Tungsten
Rated Contact Current (Resistive Load)	70 A
Maximum Operating Frequency	10 ⁶ Operations
Input Connection Specification	
Type of Connections	Screw Type Connection
Pitch	7.5 mm
Min. Wire size	0.2 mm ²
Max. Wire size	4 mm ²
Min. Wire size (AWG)	24 AWG
Max. Wire size (AWG)	12 AWG
Wire stripping length	8 mm
Torque	0.5 N-m
Connection Specification	
Type of Connection	Screw Connection
Pitch	11 mm
Min. Wire Size	0.5 mm ²
Max. Wire Size	4 mm ²
Min. Wire Size (AWG)	24 AWG
Max. Wire Size (AWG)	12 AWG
Wire Stripping Length	20 mm
Torque	1.2 N-M