AVYANNA
tech private ltd

Product Datasheet

MPN: - RM-8DI8DO

INTRODUCTION

The 8 Digital Input, 8 Digital Output Module is a robust and versatile device designed for industrial automation and control systems. It features isolated inputs and outputs, ensuring high reliability and protection against electrical noise and surges, making it ideal for demanding environments. The module offers Ethernet TCP connectivity, allowing for seamless integration into existing networks and enabling real-time communication with other devices. With built-in web configuration, users can easily monitor and configure the module remotely through a standard web browser, providing flexibility and convenience in managing digital I/O operations. This module is perfect for applications requiring secure, remote control and monitoring of digital signals over Ethernet.
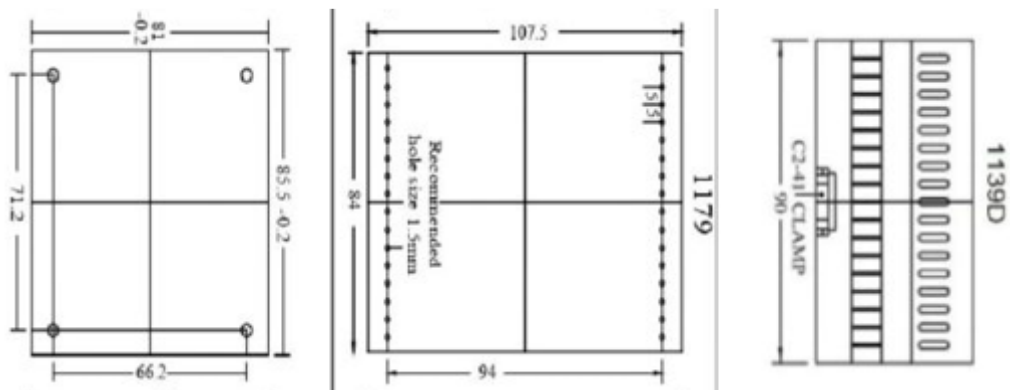
GENERAL SPECIFICATIONS

Country of origin	India
Operating Voltage	DC 9V-36V
Power Consumption	4.2 W@12V, 4.8 W@24V
Logic Level 1	Min. 6v
Logic Level 0	Max. 5v
Operating Temperature	0°C to 60°C
Operating Humidity	20-95% RH (non-condensing)
Storage Temperature	0°C to 75°C
Certifications	ROHS
Indicator	Power ON, Ethernet, Digital input/output status LED's
Configuration Tool	Web server configuration
Reset Function	YES
Mechanical Life Expectancy	2 x 10^7 operations
Electrical Life Expectancy	5 x 10^4 operations
Isolation voltage	1500 VDC
Grouping	8+1 Common
Type of Inputs	Sinking
Contact Material	AgSnO2,AgNi
Contact Rating	5A 250VAC/30VDC
Protection Class	IP40
Material	ABS
Weight(g)	190g
Mounting type	Din Rail Mounting
Enclosures External Dimensions	W: 90mm, L: 70mm, H: 110mm

ETHERNET SPECIFICATION

Network Protocols	TCP, HTTP, DHCP, DNS, UDP, ARP
Ethernet Port	1
Interface	RJ-45 Female
Ethernet Port Specification	RJ-45, 10/100 Mbit/s
Full Duplex Mode	Support IEEE 802.3x flow control
Half Duplex Mode	Support CSMA/CD Protocol

MECHANICAL DIMENSIONS

ORDERING INFORMATION

MPN	Description
RM-8DI8DO	8 Digital Input with 8 Relay Output