



RUM-9053D

Features

- High Performance Design**
 - ✓ 16 digital input channels
 - ✓ Built-in dual watchdog timer
 - ✓ Software configurable
- Robust Industrial Design**
 - ✓ Robust ABS housing with captive mounting hardware
 - ✓ Supports wide operating temperature -25 to 75°C
- Reliable Power Design**
 - ✓ Supports 10 to 30VDC power input



Overview

The Rooster Series RUM-9053D is a data acquisition module with 16 digital input channels. The RUM Series offers a complete analog I/O selection, including analog input and analog output modules. These modules can be easily configured for different types and ranges of input or output to support versatile applications in an Industrial environment. RUM-9053D is an extremely cost-effective solution for industrial measurement, monitoring and distributed applications. It can transmit and receive data at high rates over long distances. With a robust industrial grade plastic housing, RUM-9053D provides intelligent signal conditioning, analog I/O, digital I/O, data display and serial/Ethernet/fieldbus communication.

Hardware Specifications

I/O Interface

Digital I/P Channel: 16
 Digital Level 0: 2V max.
 Digital Level 1: 4 to 30V
 Input Impedance: 820 Ohms
 Dual Watchdog Timer: Yes

Power Requirements

Power Input: 10 to 30VDC
 Power Consumption: 0.9 watts

Physical

Housing: ABS with captive mounting hardware
 Accessories: NYLON DIN-Rail Mounting Adapter,
 SECC Panel Mounting Bracket
 Dimensions: 70mm (W) x 100mm (H) x 20mm (D)
 Weight: 0.4kg

Environmental

Operating Temperature: -25 to 75°C
 Storage Temperature: -40 to 80°C
 Operating Humidity: 5% to 90% RH (Non-condensing)

Regulatory Approvals

Certifications: CE/FCC
 Environmental: WEEE, RoHS
 Warranty: 5 year

Ordering Information

RUM-9053D	16-channel Digital Input Module
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