

W-M2B115

4 Channels Analog Input (voltage / current) Module



Main Features

- 2-in-1 Analog Input (Voltage / Current)
- Auto Select Current / Voltage mode
- Burn-out Detection : 4-20mA
- Channel Independent Configuration
- Communication Protocol: Modbus RTU



Introduction

The W-M2B115 is 4 channels analog input (voltage/current) module. which provides users who requires compact data acquisition.

Specification

General

• Interface	RS-485
• Protocol	Modbus RTU
• Input Range	10-36 VDC
• Power Consumption	1.2 W @ 24 VDC
• Temperature	-25 to +70°C (Operating) -30 to +75°C (Storage)
• Humidity	Operating Relative Humidity: 10% to 90% (non-condensing)
• Watchdog Timer	Yes
• LED Indicators	PWR, Comm, Program, Status
• Isolation	2500 Vrms
• Communication Speed	From 1200 to 115.2 kbps
• Communication Distance	1.2 km at 9.6 kbps
• Connector	Plug-In Terminal Block (#16-30 AWG)

Analog Input

• Channel	4 Channels
• Input Impedance	Voltage: 2MΩ, Current: 59 Ω
• Burn-out Detection	Yes (4-20 mA)
• Voltage Range	±500mV, ±1V, ±5V, ±10V, 0-500mV, 0-1V, 0-5V, 0-10V
• Current Input	±20mA, 4-20mA, 0-20mA
• Input Voltage Protection	±36V
• Channel Independent	Yes
• Sampling Rates	2.5 Samples / Second (Total)
• Resolution	16 Bit
• Accuracy	±0.1% FSR
• Span Drift	±25 ppm/°C
• Zero Drift	±6 μ V/°C
• Weight	65g (Average)
• Dimension	20mm * 100mm * 95mm