



GN-9273

Modbus RTU adapter

Serial RS485 multi drop

Up to 63 expansion slices

10pt removable terminal block

Facts

General description

Article number	100-8016
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistance	Sine vibration (based on IEC 60068-2-6), 5 ~ 25 Hz: $\pm 1.6\text{mm}$, 25 ~ 300 Hz: 4G, Sweep rate: 1 octave/min., 20 cycles, Random vibration (based on IEC 60068-2-64), 10 ~ 40 Hz: $0.0125\text{g}^2/\text{Hz}$, 40 ~ 100 Hz: $0.0125 \rightarrow 0.002\text{g}^2/\text{Hz}$, 100 ~ 500 Hz: $0.002 \text{g}^2/\text{Hz}$, 500 ~ 2000 Hz: $0.002 \rightarrow 1.3 \times 10^{-4}\text{g}^2/\text{Hz}$, Test time: 1hrs for each test
Industrial emissions	EN 61000-6-4/A11: 2011
Industrial immunity	EN 61000-6-2: 2019
	Horizontal, Vertical
Product certifications	CE, UL, cUL, FCC, RoHS, China RoHS, Reach
System power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC, Output current limitation: 1.5 A, Reverse polarity protection
Power dissipation	Max. 70 mA @ 24 VDC
Current for IO module	1.5 A @ 5 VDC
Isolation	System power to internal logic: Non-Isolation , System power I/O driver: Isolation
Field power	Nominal supply voltage: 24 VDC, Voltage range: 60°C: 18~32 VDC, 70°C: 18~26.4 VDC, * Field Power Range is different depending on IO Module series. Refer to IO Module's Specification.
Max current field power contact	DC 10 A max
Weight	165 g
Module size	54x99x70mm

Communication

Station type	Slave
IO data size	128 bytes input / 128 bytes output
Max length bus line	1200 m
Max network nodes	99 nodes
Baud rate	1200 / 2400 / 4800 / 9600 / 19200 / 38400 / 57600 / 115200bps
Settable node address	1 ~ 99 by two rotary switches
Bus connection	5pin open connector
Other serial port	RS232 for MODBUS RTU
Serial configuration	Node: 1 (Fixed), Baud Rate: 115200 (Fixed), Data bit: 8 (Fixed), Parity bit: No parity (Fixed), Stop bit: 1 (Fixed)
Indicator	6 LEDs, 1 green / red, module status (MOD), 1 green / red, network status (NET), 1 green / red, PLC Run/Stop status (RUN), 1 green / red, expansion I/O module status (IOS), 1 green, system power status, 1 green, field power Status
Module location	First module left side
Field power detection	~14 VDC

Environmental

Mounting	35mm DIN rail
Operating temperature	-20 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

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