



## GN-9289

Modbus TCP / EtherNet IP adapter

- 2 x Ethernet 10/100Mbps
- Up to 63 expansion slices
- Built-in Ethernet switch
- 10pt removable terminal block

## Facts

### General description

Article number	100-8015
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
Installation position	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	Input 128bytes / Output 128bytes
Max length bus line	100 m
Max network nodes	Limited by Ethernet Specification
Baud rate	100Mbps, Auto-negotiation, Full duplex
Settable node address	IP-address
Bus connection	2 x RJ45
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, Physical Connection (DLINK), 1 Green, Exchange Data/Traffic Present (RUN/ERR), 1 Green/Red, Expansion I/O Module Status (IOS), 1 Green, System Power Status, 1 Green, Field Power Status, , 2 LEDs (each RJ45 Connector), 1 Yellow, Link/Active, 1 Green, Not used
Module location	Starter 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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