



GL-9086

EtherCAT adapter

2 x Ethernet 10/100Mbps

Up to 16 expansion slices

Small slice type (light version)

5pt removable terminal block (CNT-8412)

Facts

General description

| | |
|---------------------------------|---|
| Article number | 100-8116 |
| 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. 40 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 8 A max |
| Weight | 75 g |
| Module size | 22x109x70mm |

Communication

| | |
|-----------------------|--|
| Station type | Slave |
| IO data size | Input 256 bytes / Output 256 bytes |
| Max length bus line | 100 m |
| Max network nodes | 65535 nodes |
| Baud rate | 100Mbps |
| Bus connection | 2 x RJ45 |
| Indicator | 4 Status LEDs, 1 Green/Red, Module Status (MOD) , 1 Green, Current Communication Status (RUN) , 1 Red, Error Status (ERR) , 1 Green/Red, Expansion I/O Module Status (IOS) |
| 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 |

People & Technology. Connected.

We are a people company. Our experienced, skilled and passionate people empower you to meet your challenges through best-in-class, user-friendly solutions. We are a technology company. We help you optimize processes through our software, hardware and services, and through our support. Connecting people and technologies gives you the means to accomplish your goals and ambitions, and gain a competitive edge in today's digitalized world.

Beijer Electronics, Inc.
850 South 3600 West, Suite C
Salt Lake City, UT 84104
USA

[Sales: +1 801-708-6631](tel:+18017086631) [Support: +1 801-708-6690](tel:+18017086690) (tel:[Sales: +1 801-708-6631](tel:+18017086631) [Support: +1 801-708-6690](tel:+18017086690))
sales.americas@beijerelectronics.com (<mailto:sales.americas@beijerelectronics.com>)