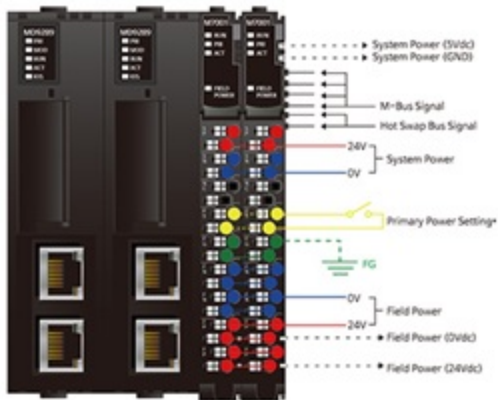




MD9289

Network adapter

- MODBUS TCP (Dual Type)
- 128 bytes (input + output)
- Redundancy network and power
- Up to 63 expansion slices
- M7001 power module
- 18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8211
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), DNVGL-CG-0339 (Vibration Class B, 4G)
Industrial emissions	EN 61000-6-4/2019
Industrial immunity	EN 61000-6-2 : 2019
	Horizontal, Vertical
System power	UL System Power: Supply voltage : 24 VDC nominal, Class 2 System Power, Supply voltage : Class 2, 24 VDC nominal, Supply voltage range : 15~28.8 VDC, Protection : Output current limit / Reverse polarity protection
Power dissipation	150 mA typical @ 24 VDC
Current for IO module	2.0A @ 5 VDC (If except for NA, current for I/O module is about 1.6A)
Isolation	System power to internal logic : Non-isolation, System power I/O driver : Isolation
Field power	Supply voltage : 24 VDC typical (Max.28.8 VDC), * Field Power Range is different depending on IO Module series. Refer to IO Module's Specification.
Max current field power contact	DC 10A Max
Weight	356g
Module size	25.7 x 107.5 x 56.5 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
Marine	DNV GL
Safety	UL508, CAN/CSA C22.2 No.142-M1987

Communication

Redundancy	Yes
Station type	Slave
IO data size	128 bytes (input + output)
Max length bus line	100 m (Ethernet tech.)
Max network nodes	Limited by Ethernet Specification
Baud rate	100 Mbps, Auto-negotiation, Full duplex
Bus connection	2 x RJ45
Other serial port	RS232 for MODBUS RTU (Touch Panel or IOGuide)
Serial configuration	Node: 1 (Fixed), Baud Rate: 115200 (Fixed), Data bit: 8 (Fixed), Parity bit: No parity (Fixed), Stop bit: 1 (Fixed)
Indicator	5 LEDs: 1 Green/Red, Main module Status (PRI), 1 Green/Red, Module Status (MOD), 1 Green, Physical, Connection (LINK), 1 Green, Exchange Data/Traffic Present (ACT), 1 Green/Red, Expansion I/O Module Status (IOS), 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	-25 ~ 60°C
Storage temperature	-40 ~ 85°C
UL temperature	-25 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Power module specifications

	DC 10A Max
Field power voltage	24VDC
Indicator	M7001: 4 LEDs: 1 Green, M-Bus Status (RUN), 1 Green, Primary Status(PRI), 1 Green, Active Status (ACT), 1 Green, Field Power Enable (Field Power)
Input voltage range	15 VDC to 28.8 VDC
Power input voltage	24VDC

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 Support: +1 801-708-6690 (tel:Sales: +1 801-708-6631 Support: +1 801-708-6690)

sales.americas@beijerelectronics.com (mailto:sales.americas@beijerelectronics.com)