



M9287

Network adapter

PROFINET adapter

1440 bytes (Input + Output)

Up to 32 expansion slices

M7001 power module

18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8207
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
Installation position	Horisontal, 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	85 mA typical @ 24 VDC
Current for IO module	2.0A @ 5 VDC (If except for NA, current for I/O module is about 1.7A)
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	179g
Module size	54 x 110 x 75 mm

Certifications

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

Communication

Redundancy	No
Station type	Slave
IO data size	1440 bytes (Input + Output)
Max network nodes	Limited by Profinet 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	4 LEDs: 1 Green/Red, Module Status (MOD), 1 Green, Physical Connection (NET), 1 Green/RED, Network Error (ERROR), 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

Contact voltage	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.

Visiting address HQ: Stora Varvsgatan 13a

SE - 211 75 Malmoe, SWEDEN

[+46 40 35 86 00](tel:+4640358600) ([tel:+46 40 35 86 00](tel:+4640358600))

info@beijerelectronics.com (<mailto:info@beijerelectronics.com>)