M9289

Network adapter

ETHERNET adapter
2 x Ethernet 10/100Mbps
128 bytes (input + output)
MODBUS TCP/UDP, Ethernet IP, CC-Link IE Field Basic
Up to 63 expansion slices
M7001 power module
18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8208
Warranty	Up to 2 years
Article status	Active
Shock operating	IEC 60068-2-27 (15G)
Vibration resistence	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	90 mA typical @ 24 VDC
Current for IO module	2.0 A @ 5 VDC (If except for NA, current for I/O module is about 1.7 A)
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 10 A Max
Weight	179 g
Module size	54 x 110 x 75 mm

Certifications

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

Communication

Redundancy	No
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	4 LEDs: 1 Green/Red, Module Status (MOD), 1 Green, Cyclic transmission status (D LINK), 1 Green, Exchange Data/Traffic Present LED (ACTIVE), 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℃
Storage temperature	-40 ~ 85℃
UL temperature	-25 ~ 60℃
Relative humidity	5 ~ 90% non-condensing

Power module specifications

Contact voltage	DC 10 A Max
Field power voltage	24 VDC
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	24 VDC

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