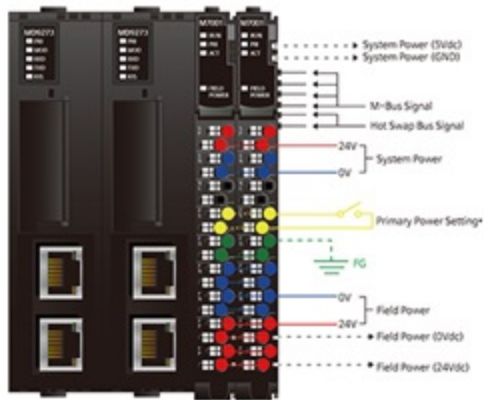




MD9273

Network adapter

- MODBUS RTU (Dual Type)
- 128 bytes (input + output)
- Redundancy network and power
- Serial RS485 (RJ-45x2)
- Up to 63 expansion slices
- M7001 power module
- 18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8210
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 1.7A)
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	351g
Module size	25.7 x 107.5 x 56.5 mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	UL C1D2, ATEX (Zone2)
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	1200 m
Max network nodes	99 nodes
Baud rate	9600, 19200, 38400, 115200 bps
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, Receive Data (RXD), 1 Green, Transmit Data (TXD), 1 Green/Red, Expansion I/O Module Status (IOS), 1 LED (RJ45 Connector): 1 orange, carrier detected
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

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