



M7001

Power module

System and field distribution

Redundancy

24 VDC

2 byte data size

Hotswap

18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8261
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
Power dissipation	Max. 30 mA @ 24 VDC
Current for IO module	2.0 A @ 5 VDC
Isolation	System power to internal logic : Non-isolation, System power I/O driver : Isolation
Field power	Supply voltage : 24 VDC nominal, Voltage range : 15~28.8 VDC, Protection : Output current limit, Reverse polarity protection
Max current field power contact	DC 10 A Max
Weight	72g
Module size	12 x 110 x 75 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
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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 10 A 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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