



M7001

Power module

- System and field distribution
- Redundancy
- 24VDC
- Hotswap
- 18pt removable terminal block (RTB18C)

Facts

General description

Article number	100-8261
Warranty	2 year
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/A11: 2011
Industrial immunity	EN 61000-6-2 : 2019
Power dissipation	Horizontal, Vertical Max. 20mA @ 24Vdc
Current for IO module	2.0A @ 5Vdc, Test Voltage Condition : 28.8V, - The Base can be used up to 50°C, - You should use dummy module(M7000) at 60°C, * Refer to '2.7 Dummy Module Location
Isolation	System power to internal logic : Non-isolation, System power I/O driver : Isolation
Max current field power contact	DC 10A Max
Weight	72g
Module size	12mm x 110mm x 72mm

Certifications

General	CE, FCC, UL, cUL
Hazardous	ULC1D2
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	-20 ~ 60°C
Relative humidity	5 ~ 90% non-condensing

Power module specifications

Field power voltage	DC 10A Max 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	15Vdc to 28.8Vdc
Power input voltage	24VDC