

Accessories: TM900A Din Rail Mounted Power Supply

The TM900A power converter is designed for the DTM series transmitter-monitor and the TR 3-wire transmitter. Each TM900A supports up to seven DTM's and eight TR transmitters. Standard functions include front panel LED indicator and DC voltage adjustment, as well as protections for short-circuit, overload (constant current mode), over voltage, and over temperature.

Features

- ✓ 32mm slim design
- ✓ 89% high efficiency and low power dissipation.
- ✓ Protection: Short circuit / Overload / Over voltage/Over temperature
- ✓ Cooling by free air convection
- ✓ Installed on DIN rail TS-35/7.5 or TS-35/15
- ✓ UL508 (industrial control equipment) compliance
- ✓ Certificate: UL / CUL / TUV / CB / CE

Specifications

Electrical

AC Power Input:	100~240VAC, 47~63Hz
Power Output:	
Voltage:	24VDC
Rated Current:	3.2A
Voltage ADJ.Range:	24~28VDC
Voltage Tolerance:	± 1.0%
Ripple & Noise:	100mVp-p

Physical

Dimension:	32*125.2*102mm (W*H*D)
Weight:	0.5kg (1.0 lb)

Environmental

Temperature:	
Operation:	-30°C ~ +70°C.
Storage:	-40°C ~ +85°C.
Humidity:	
Operation:	20 ~ 95% non-condensing.
Storage:	10 ~ 95% non-condensing.

Safety & EMC

Safety Standard:
UL508, TUV EN60950-1 approved, design refer to GL

Withstand Voltage:
I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC



Isolation Resistance:

I/P-O/P, I/P-FG, O/P-FG:>100M Ohms/ 500VDC/
25°C/ 70% RH

EMC Emission:

Compliance to EN55022(CISPR22). EN61204-3
Class B, EN61000-3-2, -3

EMC Immunity:

Compliance to EN61000-4-2,3,4,5,6,8,11, EN55024,
EN61000-6-2 (EN50082-2), EN61204-3, heavy industry
level, critical A, SEMI F47 approved.

