

MFS-600-24-U

GLP: 24V/25A/600W enclosed PSU, PFC, Uin = 80-270VAC / 110-390VDC, Cover for terminal block



■ Features:

- Universal AC input / Full range: 80÷277VAC or 110÷390VDC
- Built-in active PFC function
- Protections: Over current / Short circuit / Over Voltage / Over temperature
- Low no load power consumption, high efficiency
- Base plate with conformal coating
- Wide range of operating temperature range: -40°C to +70°C
- Remote sense compensation, remote ON/OFF function
- Built-in 5V/1A standby output

ELECTRICAL SPECIFICATION

Product Type	Industrial Power Supply, Power supply, LED Driver
Output Voltage	24V DC
Rated Current	25A
Power (W)	600
Dimming	No
Voltage Ripple & Noise (max.)	2000mVP-P
AC input voltage range	Universal
PFC	Yes
Protection class	II
Efficiency (typ.)	94%
AC Current (typ.)	3.5A
Inrush Current (typ.)	40A
IP protection level	IP20
Over Current / Overload protection	Type: auto-recovery.
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Current / Overload protection (range)	110 ÷ 160%
Over Voltage protection	Type: shut down output voltage. Re-power on to recovery.
Over Temperature protection	Type: shut down output voltage. Re-power on to recovery.
Over Voltage protection (range)	35V
Working Temperature range	-40°C ÷ +70°C
Working Humidity range	20 ÷ 90% RH

Storage Temperature and Humidity	-40°C ÷ +85°C, 5 ÷ 95% RH
Withstand Voltage	IN/OUT: 4000VAC
Isolation Resistance	IN/OUT: ≥ 50MΩ / 500VDC
EMC Emission	EN55032, Compliance to EN61000-3-3
EMC Immunity	EN61000-4-2, -3, -4, -5, -6, -8, -11
Harmonic Current	Compliance to EN61000-3-3
Dimensions (L x W x H)	101.6 x 203.1 x 40.5mm
Weight (kg)	1
Warranty	3 years
Mounting	surface
Programmable	No

MECHANICAL SPECIFICATION