AF4512Y

MW Power 45W 12V/3.75A round LED power supply, IP67



ELECTRICAL SPECIFICATION

Product Type	Power supply, Industrial Power Supply, LED Driver
Output Voltage	12V DC
Rated Current	3.75A
Power (W)	45
Dimming	No
Voltage Ripple & Noise (max.)	240mVp-p
AC input voltage range	Universal
Protection class	II
Efficiency (typ.)	90%
AC Current (typ.)	0.32-1.12A
Inrush Current (typ.)	65A
IP protection level	IP67
Over Current / Overload protection	Type: auto-recovery.
Over Current / Overload protection (range)	110%
Short Circuit protection	Type: hiccup mode, auto-recovery.
Over Temperature protection	Shut down o/p voltage, automatically recover after cooling
Over Voltage protection	Type: shut down output voltage. Re-power on to recovery.
Working Temperature range	-20°C ÷ +50°C
Storage Temperature and Humidity	-40°C ÷ +70°C, 20 ÷ 90% RH

Safety Standards	Compliance to EN62368-1
Withstand Voltage	1500Vac 10mAMax/60second
Isolation Resistance	IN/OUT: ≥100MΩ / 500VDC
EMC Emission	EN55032: 2015 +A11:2020
EMC Immunity	EN 55035:2017 + A11:2020
Harmonic Current	Compliance to EN61000-3-2, EN61000-3-3
Dimmensions (L x W x H)	Ø50mm x 23mm
Weight (kg)	0.09
Packing	100szt./karton
Warranty	2 years
Programmable	No

MECHANICAL SPECIFICATION