

LED-10W 10V/12V/24V DC

SPECIFICATIONS

Standards

Converter meets CE standards
Approved by UL as a class 2
recognized component
File # E254177

Available Versions

901010010-LED 10W 10V DC
(plastic casing)
901010012-LED 10W 12V DC
(plastic casing)
901010024-LED 10W 24V DC
(plastic casing)
901010010P-LED 10W 10V DC
(aluminium casing/European version)
901010012P-LED 10W 12V DC
(aluminium casing/European version)
901010024P-LED 10W 24V DC
(aluminium casing/European version)
901010010PU-LED 10W 10V DC
(aluminium casing/USA version)
901010012PU-LED 10W 12V DC
(aluminium casing/USA version)
901010024PU-LED 10W 24V DC
(aluminium casing/USA version)

Mechanical and Thermal

PC plastic casing

Dimensions (mm) 27 x 40 x 100
Dimensions (in) 1.06" x 1.57" x 3.94"
Weight 90 grams / 3 ounces
Tc Max 90°C
Ta Max 50°C

Terminal Block Connection

Aluminium casing / European version

Dimensions (mm) 23 x 40 x 81
Weight 165 grams
Tc Max 90°C
Ta Max 50°C
Output wire – 18AWG 200°C

Input wire –
(separate cables) FEP/FEP 0.75mm² 450V 180°C

Aluminium casing / USA version

Dimensions (in) 1.1" x 1.38" x 3.43"
Weight 5.8 ounces
Tc Max 90°C
Ta Max 50°C
Output wire – 18AWG 200°C

Input wire –
UL type 1332 or similar 18 AWG 300V 200°C
Grounding wire



This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept interference received, including interference that may cause undesired operation. Class B.

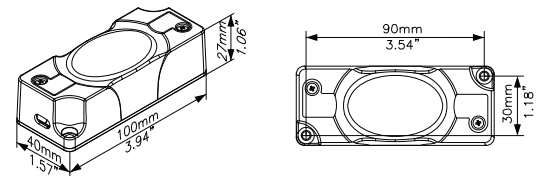
Electrical

Load 1-10VA
Input 120-240V 0/50/60Hz
Output Voltage 10V/12V/24V DC ±10%
Efficiency 78%
EMC (RFI) FCC Class A/EN 55015
Harmonics EN 61000-3-2
Electrostatic Discharge IEC61000-4-2
EMC Immunity IEC61000-4-3
Burst IEC61000-4-4
Surge IEC61000-4-5
Injected RF IEC61000-4-6
Mains interruption IEC61000-4-11
Immunity EN 61547/61047
Safety EN 61347-2-13
SELV

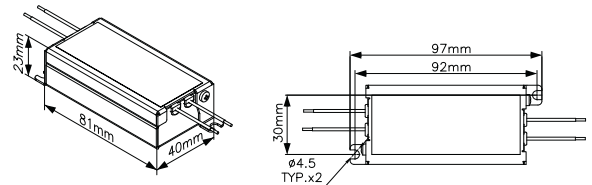
Protection and Regulation

Electronic internal resettable short circuit protection. Overload regulation and thermal protection.

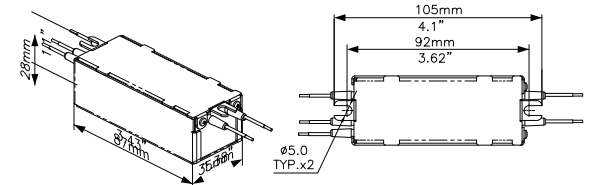
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