PHILIPS Lighting

LED Transformer for LED strip

LED Transformer 60W 24VDC

Constant voltage LED transformer for 24VDC LED application, compatible with Philips and other LED strip and offer 24VDC interface to LED applciation

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Dimensional drawing

Product	A1	A2	B1	B2	C1
LED Transformer 60W 24VDC	180 mm	170 mm	52 mm	42.0 mm	30 mm

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Product data

General Information

Lamp Type	LV Halogen
Number Of Products On MCB (16A Type B) (Max)	13
Automatic Restart	Yes

Operating and Electrical

Input Voltage	220 to 240 V
Input Frequency	50 to 60 Hz
Operating Frequency (Nom)	45-66 kHz
Power Factor 100% Load (Nom)	0.95
Ignition Time (Nom)	0.8 s
Mains Voltage Performance (AC)	202-254V-8%-+6%
Mains Voltage Safety (AC)	-8%-+6%
Inrush Current Width	0.33 ms
Power Losses (Nom)	10 W
Inrush Current Peak (Max)	28 A
Output Voltage	24 V

Wiring

Connector Type Input Terminals	Screw
Cable Capacity Wires Device To Lamp (Nom)	120 nF

Color Input Terminals	Green
Color Output Terminals	Green
Connector Type Output Terminals	Screw
Cable Length From Device To Lamp	1.0 m
Wire Striplength	6.0-8.0 mm
Input Terminal Cross Section	0.75-2.50 mm²
Output Terminal Cross Section	0.75-2.50 mm²
Cable Capacity Output Wires To Earth (Nom)	120 pF

System characteristics

Rated Ballast-Lamp Power	60 W

Temperature

T-Ambient (Max)	50 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	80 °C
T-Storage (Min)	-40 °C
T-Case Maxmum (Max)	85 °C