

ELECTRONICS PRODUCTS > POWER SUPPLIES > POWER SUPPLIES

KLP-12P15

Stock Keeping Unit (SKU): 618071

15W Plastic Enclosure Power Supply, 12V 1.25A



Commercial Information

Product Sales Code	618070
Package Unit	1 Unit
Customs Tariff Number	850440829019
Weight Per Unit Including Packaging	0,10 kg.

Technical Information

GENERAL FEATURES	
Enclosure Material	Plastic [PC] [UL 94 V-0 rated]
Signal	Green LED DC ON
Connection Method	Screw Connection
Enclosure Rating	IP20 [IEC 60529]
Operating Temperature	-30°C up to +70 °C
Storage Temperature	-40°C up to +85 °C
Humidity at 25 °C- no condensation	< 95%/o RH
Mounting	DiN rails TH35x7.5 - TH35x15
Terminal Cross Section	2.5 mm² (24 -14 - AWG)
Short-circuit protection	Available (Auto Restart Mode)
Output Protection	at 115-145% (automatic recovery)

Voltage Tolerance	<1%
Line Regulation	<1%
Load Regulation	<1%
Safety Standards	IEC62368-1
Altitude (Operating)	2000m maximum
Pollution Degree	Pollution degree 2

PRODUCT LIST

Output Voltage	12 V
Output Current	1.25 A
Output Power	15 W
Width	18 mm

INPUT VALUES

Voltage Range	100-265 V AC
Frequency	47....63 Hz
Efficiency (100 V AC)	82,0 %
Efficiency (230 V AC)	85,0 %
AC Current (RMS-MAX) (100 V AC)	0,25 A
AC Current (RMS-MAX) (230 V AC)	0,11 A
Inrush Current (Cold Start) (100 V AC)	8,0 A
Inrush Current (Cold Start) (100 V AC) (230 V AC)	12,0 A

PROTECTION INFORMATION

Over Voltage (Input)	300VACOV+280VACOV-
Under Voltage (Input)	65VAC UV+55VAC UV-
Over Voltage (Output)	15.5-16 V
Output Power	15 W
Overload Protection	Device enters restart mode when the output power is between 115-145% of the rated value and automatically recovers after the fault condition is removed.

OUTPUT VALUES

DC Voltage	12 V
Rated Current	1.25 A
Current Range	0-1.25 A
Ripple (Max)	<120mVp-p
Voltage Adj. Range	10.8V- 13.8V
Setup-Rise Time (100 V AC)	100 - 15 ms
Setup-Rise Time (230 V AC)	100-20 ms
Hold Up Time (100 V AC)	25 ms
Hold Up Time (230 V AC)	100 ms
Output Power	15 W
