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KLP-24P60

Stock Keeping Unit (SKU): 618091

60W Plastic Enclosure Power Supply, 24V 2.5A

Commercial Information

Product Sales Code	618091
Package Unit	1 Unit
Customs Tariff Number	850440829019
Weight Per Unit Including Packaging	0,24 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	24 V
Output Current	2.5 A
Output Power	60 W
Width	72 mm

INPUT VALUES

Voltage Range	100-265 V AC
Frequency	47....63 Hz
Efficiency (100 V AC)	86,6 %
Efficiency (230 V AC)	90,0 %
AC Current (RMS-MAX) (100 V AC)	0,9 A
AC Current (RMS-MAX) (230 V AC)	0,4 A
Inrush Current (Cold Start) (100 V AC)	10 A
Inrush Current (Cold Start) (100 V AC) (230 V AC)	18,0 A

PROTECTION INFORMATION

Over Voltage (Input)	NA
Under Voltage (Input)	70VAC UV+75VAC UV-
Over Voltage (Output)	35-36 V
Output Power	60 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	24 V
Rated Current	2.5 A
Current Range	0-2.5 A
Ripple (Max)	<240mVp-p
Voltage Adj. Range	21.6-29 V
Setup-Rise Time (100 V AC)	220-20 ms
Setup-Rise Time (230 V AC)	160-20 ms
Hold Up Time (100 V AC)	15 ms
Hold Up Time (230 V AC)	75 ms
Output Power	60 W
