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# KLP24P-75

**Stock Keeping Unit (SKU):** 618096

*75W Plastic Enclosure Power Supply, 24V 3.12A*

## Commercial Information

| | |
|---|---|
| Product Sales Code | **618096** |
| Package Unit | **1 Unit** |
| Customs Tariff Number | **850440829019** |
| Weight Per Unit Including Packaging | **0,192 kg.** |

## Technical Information

| GENERAL SPECIFICATIONS | |
|---|---|
| Enclosure Material | **Plastic [PC ] [UL 94 V-0 rated]** |
| Signal | **Green LED DC ON** |
| Connection Method | **Screw Connection** |
| Enclosure Protection 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 Connection 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 | **3.12 A** |
| Output Power | **75 W** |
| Width | **72 mm** |

## INPUT RATINGS

| | |
|---|---|
| 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) | **1.1 A** |
| AC Current (RMS-MAX) (230 V AC) | **0,5 A** |
| Inrush Current (Cold Start) (100 V AC) | **12 A** |
| Inrush Current (Cold Start) (230 V AC) | **20 A** |

## PROTECTION INFORMATION

| | |
|---|---|
| Input Overvoltage | **NA** |
| Under Voltage (Input) | **70VAC UV+75VAC UV-** |
| Output Overvoltage | **35-36 V** |
| Output Power | **75 W** |
| Overload Protection | **Device enters restart mode when the output poweris between 115-145% of the rated value and automatically recovers after the fault condition is removed.** |

## OUTPUT RATINGS

| | |
|---|---|
| DC Voltage | **24 V** |
| Rated Current | **3.12 A** |
| Current Range | **0-3.12 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 | **75 W** |

## Certificates

**UL**

**UKCA**