



FEATURES

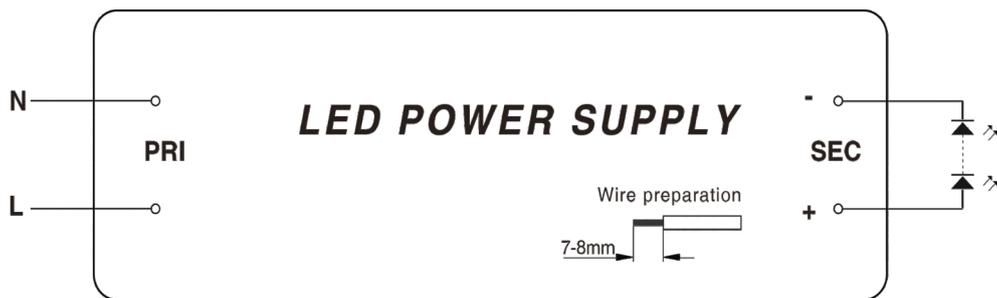
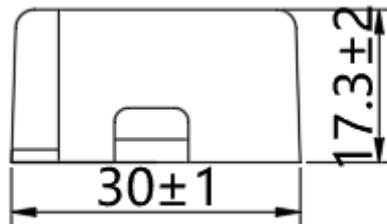
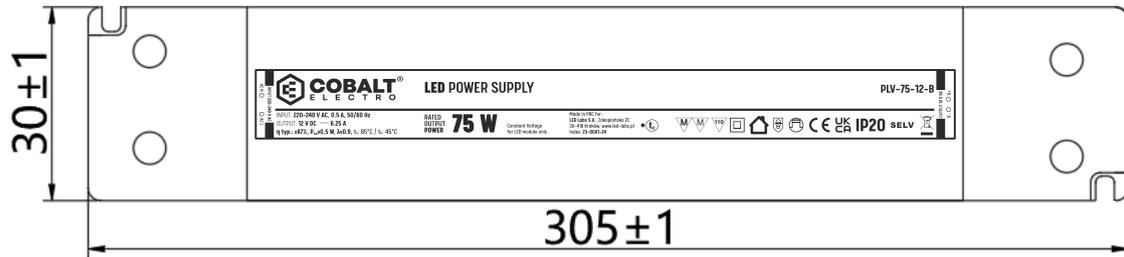
- Compact size, slim design, light weight
- High efficiency, low temperature rise
- Protections: Protections: short circuit, overload, over temperature
 - Cooling by free air convection
- Compliance to worldwide regulations for lighting
 - IP20 protection
 - 5 years warranty

| SPECIFICATION | | PLV-75-12-B | PLV-75-24-B |
|---------------|-----------------------------|--------------------------------|----------------|
| OUTPUT | DC Voltage | 12V | 24V |
| | Rated Current | 6.25A | 3.125A |
| | Current Range | 0 ÷ 6.25A | 0 ÷ 3.125A |
| | Rated Power | 75W | |
| | Line Regulation | ± 3% | |
| | Load Regulation | ± 3% | |
| | Setup, Rise Time (note 4.) | <1s, 100ms/230VAC at full load | |
| | Hold up time | 10ms/230V at full load | |
| | Ripple & Noise (note 2.) | < 300mVp-p | < 400mVp-p |
| | Voltage Tolerance (note 3.) | ± 5% | |
| INPUT | Voltage Range | 198-264VAC | |
| | Frequency Range | 47 ÷ 63Hz | |
| | Power factor (Typ.) | ≥0.9 | |
| | Efficiency (Typ.) | 87% | |
| | AC Current (Typ.) | 0.5A/220-240VAC | |
| | Inrush Current(Typ.) | 100A/220-240VAC | 80A/220-240VAC |
| | Leakage Current | < 0.5mA/240VAC | |
| | No Load Power Consumption | ≤0.5W | |

| | | |
|---------------------|-------------------------|---|
| PROTECTION | Over Current | Range: 110 ÷ 140% of rated current. Type: Hiccup mode. Re-start after fault condition is removed. |
| | Over Voltage | Range: 120 ÷ 150% of rated voltage. Type: re-start after fault condition is removed. |
| | Short Circuit | Hiccup mode. Re-start after fault condition is removed. |
| | Over Temperature | Range: 110°C ± 10°C Cut-off of the output voltage. After the termination of the thermal state, return to normal operation. |
| WORKING ENVIRONMENT | Working Temp. | -20 ÷ +45°C |
| | Working Humidity | 45 ÷ 85% |
| | Storage Temp., Humidity | -40 ÷ +85°C, 5 ÷ 95% RH non-condensing |
| | Temp. Coefficient | ±0.03%/°C (0 ~ 60°C) |
| SAFETY & EMC | Safety Standards | EN61347-1 EN61347-2-13 |
| | Withstand Voltage | 3000V/5mA/1min |
| | EMC Immunity | EN61547 |
| | EMC Emission | EN55015 |
| | Harmonic Current | EN61000-4-2,3,4,5, 6 EN61000-3-2 class C |
| OTHERS | Dimension | 305 x 30 x 17 mm (L x W x H) |
| | Weight and Packing | 50PCS/CTN--10KGS |

NOTE:

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1µF i 47µF parallel capacitor.
3. Tolerance includes set up tolerance, line regulation and load regulation.
4. Length of set up time is measured at first cold start. Turning ON/OFF the power supply may lead to increase of the set up time.
5. The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.



EXPLANATION OF THE SYMBOLS USED ON THE DEVICE



Short-circuit proof safety transformer



II IEC protection class



The device is designed to be placed on wooden surfaces in accordance with: DIN VDE 0710-14



Protective thermal protection 110° C



Risk of electric shock

SELV

Safe low voltage output not exceeding 50V AC or 120V DC

IP

Rate of protection against access to dangerous parts inside the housing, ingress of solids and water



Independent electronic transformer: it can be installed separately outside the luminaire without any additional housing