RANGE 03 · POWER SUPPLIES · 12V POWER SUPPLIES

# LED power supply 12V, 75W, Regular

Code **D12V75R**

| 12 V | 75 W | IP20 | 5 years | 170 × 57 × 32 |
|---|---|---|---|---|
| Voltage | Power | Ingress | Warranty | L × W × H, mm |

LED power supply 12V, 75W, 6,25A

CE

## TECHNICAL DATA

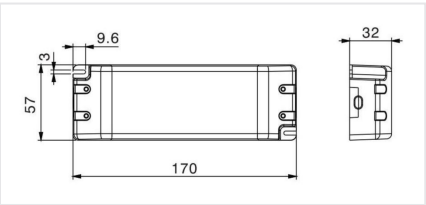
### ELECTRICAL

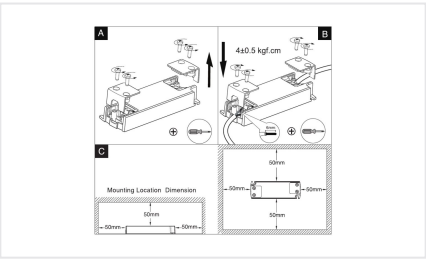
| | |
|---|---|
| Input voltage | AC 220–240 V, 50/60 Hz |
| Load range | 0–75 W |
| Rated output current | 6.25 A |
| Input current | 0.5 A |
| Power factor | ≥ 0.9 |
| Output connection | Cable H03VVH2-F 2×0.75 mm² |

### ENVIRONMENT AND COMPLIANCE

| | |
|---|---|
| Max ambient temperature (Ta) | 45 °C |
| Max case temperature (Tc) | 80 °C |
| Protections | Short circuit, overload, overheat and open circuit; automatic reset |
| Compliance standards | EMC 2014/30/EU, LVD 2014/35/EU |

## DRAWINGS



## APPLICATIONS

- An electronic protection circuit switches the power supply off on a short circuit or overload in the secondary circuit, on overheating and on an open circuit. Once the fault is removed, the power supply resets automatically and resumes operation.
- The unit conforms to the directive 2014/30/EU on electromagnetic compatibility and the low voltage directive 2014/35/EU.

## IMPORTANT INFORMATION FOR THE INSTALLATION

- Read and understand all instructions before installation. For best results have the unit installed by a qualified technician.
- Connect the light to the power supply first, then the power supply to the mains. Connecting in the wrong order may cause damage and voids the manufacturer's warranty.
- There are no user-serviceable parts inside. Removing the cords or covers may damage the product and voids the warranty.
- Do not overload the power supply.
- Keep the output cable to the LED lamps within 2 m to meet the EMC standard.
- If the power supply is used for purposes other than intended or connected the wrong way, no liability can be taken for possible damage.

## MOUNTING INSTRUCTION

- Connect the LED lamps to the power supply with the correct polarity.
- Primary cable: H03VVH2-F 2×0.75 mm².
- Secondary cable: H03VVH2-F 2×0.75 mm².
- Fix the unit with the supplied brackets (tightening torque 4 ± 0.5 kgf·cm) and keep 50 mm of free space around it, as drawn.

## MANUFACTURER'S DOCUMENTS

Datasheet (PDF)

Product page: https://dio.lighting/products/led-power-supply-12v-75w-regular-16

Values as published by dio. Where a manufacturer's datasheet is attached it is the reference; specifications may change without notice. Availability, pricing and lead times on request.