

Features

- Constant voltage with fixed 24V output
- DALI2 dimming function (IEC62386)
- Built-in active PFC function
- Efficiency up to 93.5%
- Suitable for intelligent LED lighting

RS PRO LED Driver

RS Stock No: 0642784



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

The RS PRO LED Driver is a high-performance, dimmable constant current output LED driver designed to provide efficient, reliable power for LED lighting systems. With advanced DALI2 (Digital Addressable Lighting Interface) compatibility, this driver offers seamless integration into smart lighting environments, enabling precise dimming control and energy-efficient operation.

Key Features:

- **Constant Voltage Output:** Delivers 24V constant voltage output, ensuring optimal performance for LEDs while maintaining stable brightness levels.
- **DALI2 Compatibility:** Supports the latest DALI2 protocol for easy and precise control of lighting in smart environments. Enables advanced features like scene setting, timed dimming, and integration with building management systems.
- **High Efficiency:** Designed to minimize energy consumption, the 0642784 achieves high efficiency, reducing operational costs while supporting sustainable, eco-friendly lighting solutions.
- **Compact and Durable Design:** The driver's compact form factor allows for easy integration into various lighting fixtures.
- **Overload and Short Circuit Protection:** Equipped with built-in protection mechanisms to ensure safe and stable operation, preventing damage from electrical faults.
- **Versatile Applications:** Ideal for use in commercial, residential, and industrial lighting applications, especially where dimming control and energy efficiency are a priority.

General Specifications

Efficiency	Up to 93.5%
Automatically Restart	Recovers automatically after fault condition is removed
Working Temperature	-40~+60°C
Relative Humidity	20-90% RH, non-condensing
MTBF	50K hours

Mechanical Specifications

Dimensions	301mm x 78mm x 25.1mm
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Electrical Specifications

Rated Output Voltage	24V
Current Tolerance	± 0.5%

LED Drivers

Output Current max	15A
Rated Power	360W
Input voltage Range	180-277VAC
Frequency Range	47-63Hz
AC Current (Typ.)	3.5A
Leakage Current	<0.50mA/220VAC

Approvals

Safety Standards	EN61347-1, EN61347-2-13, UL8750
EMC Emission	Compliance to EN55015, EN61000-3-2,3 (≥50% load), FCC Part 15B
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,11, EN61547, A light industry level (surge 4KV)