PS-IQ

Power supply

Model number:	**PS-IQ**
Mounting:	DIN rail, 5M, 91mm
Dimensions:	91 x 71 x 55.6 mm

Highlights & Features

- Protection Class II, Double Isolation (No Earth connection is required)
- Universal AC input voltage and full power up to 55°C
- Power will not de-rate for the entire input voltage range
- Efficiency > 88.0% @ 115Vac & 230Vac
- NEC Class 2 / Limited Power Source (LPS) certified
- Over-voltage / Overcurrent / Over Temperature Protections

Safety standards

CB Certified for worldwide use TUV to EN 60950-1, UL/cUL recognized to UL 60950-1 and CSA C22.2 No. 60950-1, CB scheme to IEC 60950-1, Limited Power Source (LPS)

General description

The DRC-24V60W1AZ is part of the Chrome DIN Rail Power Supply series, which is designed for use in compact cabinets for home automations and the food and beverage industry. Delta’s Chrome DIN Rail Power Supply series offers double isolated input. This means that no Earth connection is required thus resulting in low leakage current. This product provides a universal input voltage range of 90-264Vac, and a wide temperature range of -25°C to 71°C. The Chrome series is certified to safety standard according to IEC/EN/UL 60950-1 Information Technology Equipment (ITE) and UL 508 Industrial Control Equipment (ICE). The series is also fully compliant with RoHS Directive 2011/65/EU for environmental protection. NEC Class 2 and Limited Power Source (LPS) approvals are available for this product.

Technical specification

Input voltage range	90 - 264 VAC
Output voltage	24 VDC
Output current	3.80 A
Input current	< 1.50A @ 115Vac, < 1.00A @ 230Vac
Max Inrush Current (Cold Start)	< 30A @ 115Vac, < 60A @ 230Vac
Operating temperature	-25°C to +71°C
Storage temperature	-25°C to +85°C

Terminals

Mains input	**L**	Input Live
	N	Input Neutral
24V power supply output	**+**	Output + 24 VDC
	-	Output 0 VDC