

LED-RPS-CL-R



Remote Power Control for LED walls.

The RPS limits the inrush current, preventing overloads and extending component lifespan. By cutting wasted energy and prolonging equipment lifetime, it delivers a practical, low-cost solution that reduces carbon footprint, minimises maintenance, and supports long-term operational efficiency.

- **Remote power switching** - switchable by most Room Management Systems thanks to easy integration via RS-485 or potential-free contacts.
- **Safe Operation** - limiting the inrush current minimises the impact on electricity systems and lowers the number of required supply lines.
- **Easy installation** - standardised DIN rail mounting and compact form factor allow easy integration into electrical power distribution systems.
- **Energy efficiency** - enables automated power shutdown outside of operating hours, delivering significant energy and cost savings.

Specifications

Order Codes

LED-RPS-CL-R	80001072
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AC IN

Input voltage [V AC]	100 to 240
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Input current [A]	Max. 16
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Load capacity [μ F]	Max. 6000
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DC IN

Supply voltage [V DC]	12 $\pm$ 1.5
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Power consumption [W]	1.3 W (AC OUT on); 0.3 W (AC OUT off)
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Control

Control	RS-485
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GPIO IN	For potential free contact switch only! Short circuit current: 2mA Open circuit voltage: 12V
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GPIO OUT	open collector output
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Environmental Conditions

Operating Temperature [$^{\circ}$ C]	-20 to 40
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Operating Humidity [%]	10 to 80 (without condensation)
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Operating Altitude [m]	< 5000
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Storage Temperature [$^{\circ}$ C]	-20 to 45
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Storage Humidity [%]	10 to 85 (without condensation)
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Mechanical

Dimensions (L x B x H) [mm]	90 x 75 x 51
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Weight [Kg]	0.17
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DIN rail space requirement	6 TE
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Additional Features

Warranty	2 years
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For additional pictures and solutions overview, visit www.sharpdiseplays.eu for details.