

Technical Specifications

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|---|--|
| Power Supply | 18...28VDC PELV |
| Power Consumption | 24VDC: typ. 330mW, max. 360mW 240VAC: typ. 790mW, max. 800mW (per Channel) |
| Inputs & Outputs | 8 Digital Inputs 24VDC 4 Dimmer Outputs (trailing / leading edge) 400W@240VAC AQ1 210W@240VAC AQ2...AQ4 (per Channel) |
| Operation | Typ 1 (EN 60730-1) |
| Rated Impulse Voltage For Dimmer Outputs | 2.5kV (EN60730-1, max. Altitude 2000m) |
| Safety Rating | IP20 |
| Ambient Temperature | -10...50°C / 14...122°F |
| Humidity | 95% r.H. (non condensing) |
| Dimensions | 157x88x57mm / 6.18x3.46x2.24" (LxWxH) |
| Maintenance of Cleaning | This device is free of maintenance and may only be cleaned with a dry cloth. |

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Dimmer Extension

Part No: 100029

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V221119



About the product

The Dimmer Extension is a device for the automatic control and management of home automation and similar non safety critical applications.

Installation & electrical connection

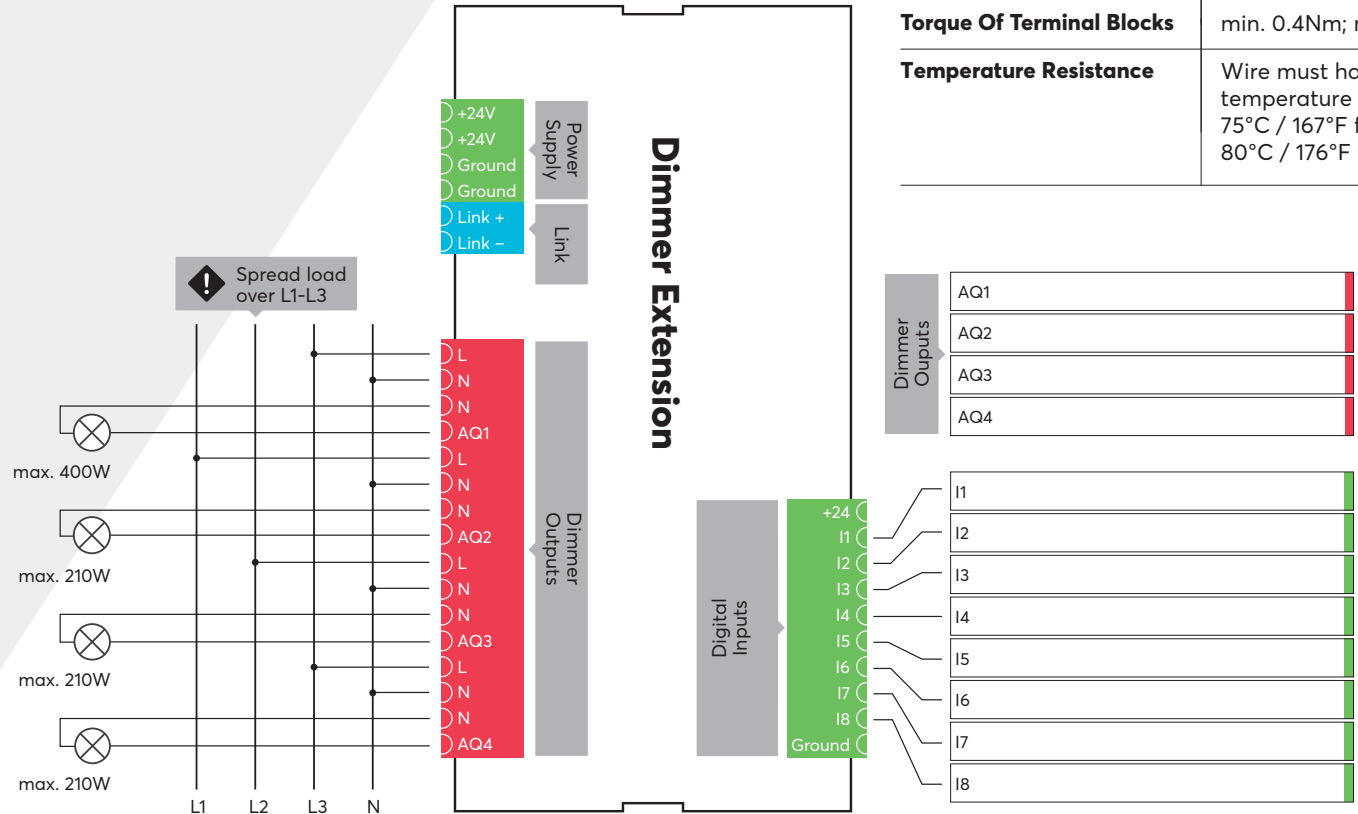
The installation of the devices is to be mounted on a DIN rail in an electrical distribution housing (Standard distribution) and may only be performed by qualified personnel.

Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing. To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible and visible. If the unit is used in a non conform manner as specified by the manufacturer the product included safeguards will be impaired.

1. If multiple Dimmer Extensions are fitted above each other a minimum distance of 50mm between rows has to be maintained.
2. For better heat dissipation multiple Dimmer Extensions should be mounted next to each other rather than above each other.
3. The air flow around the Dimmer Extension should not be obstructed.
4. The ventilation slots have to be kept clear.
5. No other sources of heat ought to be mounted below the Dimmer Extension.



For additional information, declaration of conformity, visit www.loxone.com/help/dimmer



Connection

| | |
|----------------------------------|---|
| Wire Diameter | 0.05...2.5mm ² / AWG30...AWG12 |
| Exposed Wire Length | 6...7.5mm / 0.23...0.29" |
| Torque Of Terminal Blocks | min. 0.4Nm; max. 0.79Nm |
| Temperature Resistance | Wire must have a min temperature rating of 75°C / 167°F for UL 80°C / 176°F for IEC |