

Technical Specifications

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|---|--|
| Power Supply | 18...28VDC SELV |
| Power Consumption | 24VDC: typ. 330mW, max. 360mW 120VAC: typ. 250mW, max. 300mW (per Channel) |
| Inputs & Outputs | 8 Digital Inputs 18...28VDC 4 Dimmer Outputs trailing / leading edge 200W@120VAC AQ1...AQ4 (per Channel) |
| Operation | Typ 1 (EN60730-1) |
| Rated Impulse Voltage For Analog Outputs | 2.5kV (EN60730-1, max. Altitude 2000m) |
| Degree Of Pollution | 2 |
| Safety Rating | IP20 |
| Ambient Temperature | -10...50°C / 14...122°F |
| Humidity | 95% r.H (non condensing) |
| Dimensions | 136x36x23mm / 5.35x1.42x0.9" (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 120V

Part No.: 100043

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About the product

The Dimmer Extension 120V 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.

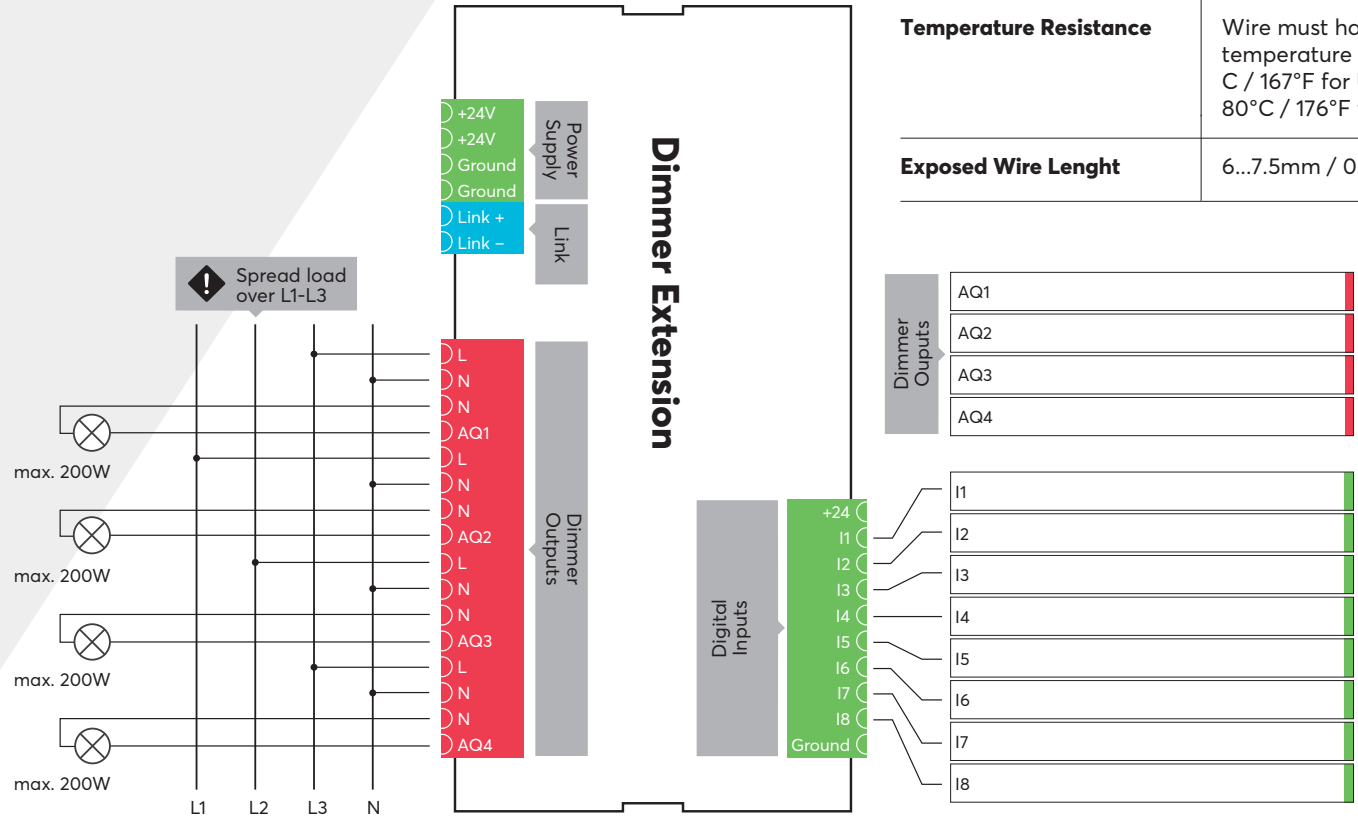
Protection against electrical contact and fire protection must be provided in the final installation by the use of a standards compliant/approved housing. To turn the unit on/off during installation and in case of failure, a separator (disconnecting device) must be present. These must be easily accessible 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.

This folder is a part of the product!



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



Connection

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