

## ABSOLUTE DINPLUG SERIES

### ADP-DIM8 DIMMER MODULE



## Introduction

**Absolute**® presents an innovative solution in automation modules: the **Absolute**® **DINPlug** line. With harmonious and elegant design, **DINPlug** line is designed to be installed directly into standard DIN rail electrical cabinets.

The **ADP-DIM8** modules are 100/240V and allow dimming up to 8 Channels (Leading Edge - Triac), divided into two groups of 4 channels with a maximum capacity of up to 10A in a single channel and 8 independent relays provides air gap off per channel. Custom curves dimming settings are available for each channel. This module is equipped with zero-crossing detection that increases module lifetime.

Through its front panel, it is possible to perform tests and individual control of all dimmer channels.

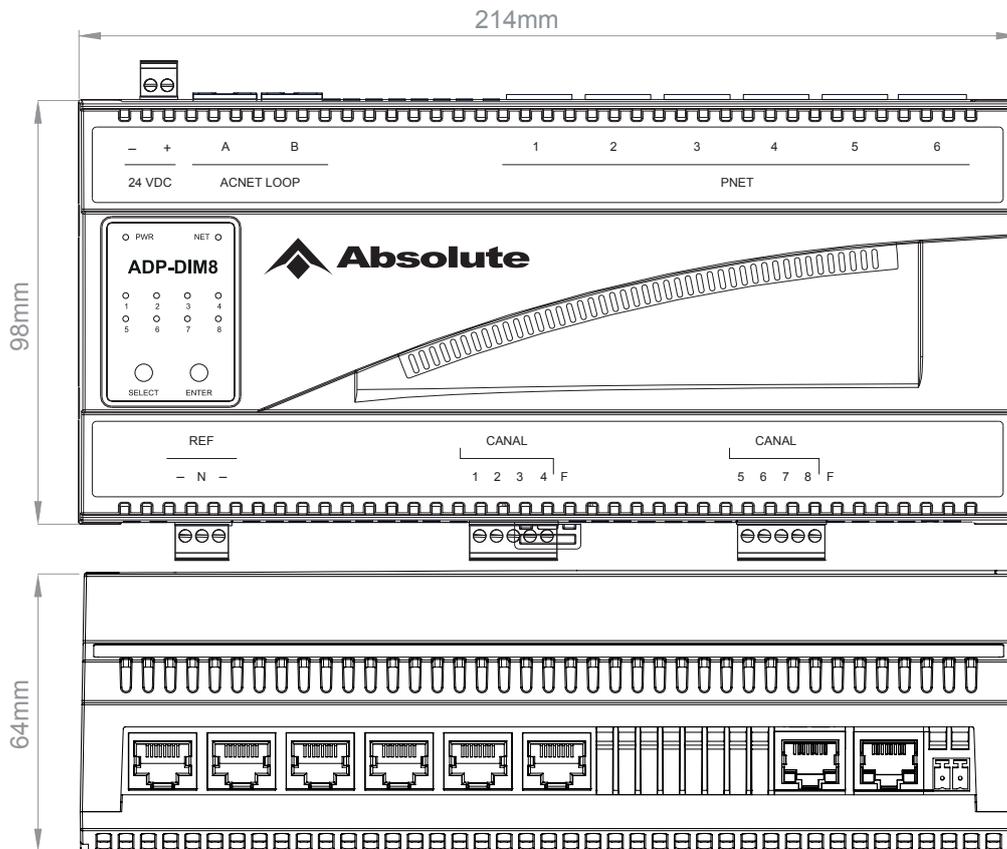
Up to 6 push buttons can be connected to its PNET ports, allowing greater versatility in projects. These push buttons can be enabled via software to act as a manual override of the system.

The communication of **ADP-DIM8** is done by the ACNET network, through a single UTP CAT5E cable, it also has an additional ACNET port, in loop, to facilitate the installation of other modules.

For the operation of the **ADP-DIM8**, the use of an external 24 VDC power supply is required - **Absolute ADP-PWR-2460** - 50/60Hz.

## Specifications

- 8 Leading Edge dimmer channels - max 10A @ 100/240V
- 2 groups with 4 channels each - max 10A per group
- 10A circuit breakers for each group are recommended
- 2 ACNET Ports RJ45(system network) - optical isolation
- 6 PNET Ports RJ45 to CC input connection - optical isolation
- 24 VDC input - consumption 2 W  
(use power supply - **Absolute ADP-PWR-2460**)
- Fixation - 35mm DIN Rail
- Max operation temperature = 40° C
- Flame-retardant ABS+PC enclosure - plastic
- Dimensions 214mm x 98mm x 64mm (W x D x H)
- Weight = 615 g



## Important

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All equipment must be disconnected from electrical network before starting installation to avoid the risk of damaging the products.