

PET105

One-channel dimmer for resistive and capacitive loads

Product code: **CS0245**



Main features

- Suitable for dimming electronic transformers
- Load up to 5 A
- Control by bus PEbus and external buttons
- Test buttons on the front panel
- Programmable parameters
- Indication of power supply, PEbus activity, output level, max. temperature overload and over-current fuse
- Unified enclosure designed for DIN rail installation
- Easy installation
- Small dimensions

Description

The PET105 is a one-channel dimmer for resistive and capacitive loads up to 5 A suitable for dimming electronic transformers. The unit can be controlled by PEbus and by potential free contact inputs. The programmable parameters are input response, minimum and maximum output voltage, dimming speed, and output characteristic. The front panel includes LED indicators for output level, maximum temperature overload, and over-current fuse. The enclosure allows simple installation on a DIN rail.

Applications

- Commercial single-room applications
- Meeting rooms, conference rooms, boardrooms
- Huge multi-room and multi-floor distributed systems
- Complete residential home automation
- High-tech homes

Specifications

Control ports

- 2x Potential free contact input, terminals 1.5 mm²
- 1x Regulated output, 230 / 110 VAC, terminals 1.5 mm²
 - Max. load 5 A
 - Load type resistive and capacitive
 - Trailing - edge phase control
 - Over-current protection by electronic fuse

System communication

- 2x PEbus, RJ-11 connector

Power supply

- 110 or 230 VAC, 50 / 60 Hz, 5 A

LED indicators

- Power / PEbus activity
- Output level
- Max. temperature overload and over-current fuse

Physical

- Plastic DIN rail compatible enclosure
- Dimensions
106 x 90 x 58 mm / 4.2" x 3.5" x 2.3"
6 DIN modules 17.5 mm
- Weight 0.8 kg / 1.8 lb

Operating environment

- Temperature 0° to 40° C
- Humidity 10% to 90% non-condensing

Box Contents

- PET105
- PEbus cable
- Data Sheet
- Cue System Connector Wiring Sheet
- Warranty Conditions, Declaration of Conformity

Order information

Product codes
CS0245-1 version 110 VAC
CS0245-2 version 230 VAC

Documentation

More information can be found in CUE Documentation:

- PET105 Quick Start