

Devices for EN 50022 rail installation - TECHNICAL CHARACTERISTICS

01845 - Line coupler

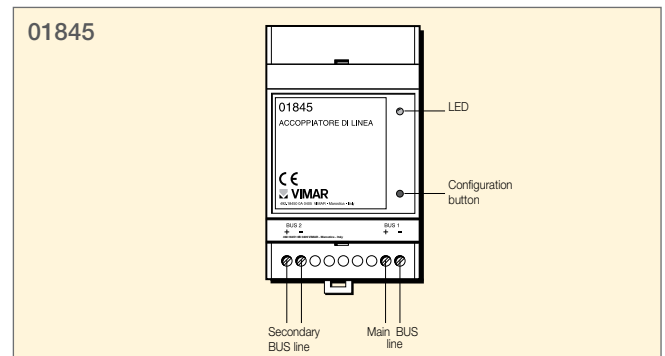
This device is used to connect two lines together, each one with its own power supply and control unit. It also permits integrating the By-me system with the burglar alarm system via BUS. It provides electrical separation between the BUS line and filtering of unnecessary messages.

Technical specifications

- rated voltage: BUS 29 V
Note: The device must be powered on both sides.
- absorption: 10 mA
- operating temperature: -5 °C +45 °C (for indoor use)
- 3 modules of 17,5 mm

Conformity to Standards

EMC Directive
EN 50428 Standard.



01855 - Load control module

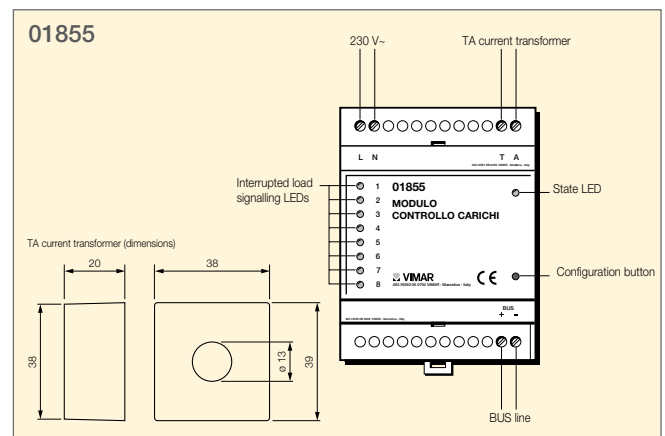
The device prevents the current limiting switch from tripping due to overload. It is able to control up to 8 loads or groups of loads by controlling the same number of relay actuators. The 8 groups of controlled loads must be given a priority that determines the sequence of disconnection by the load control module. The module is equipped with 8 red LEDs, one for load that can be controlled; the LEDs light up when the associated load is interrupted. It is possible to install just one load control module on a line.

Technical specifications

- rated voltage: BUS 29 V
- absorption: 10 mA
- range: load control of 1 kW up to 10 kW
- terminals: BUS TP, supply, connection to TA current transformer
- outfit: TA of 50 A
- operating temperature: -5 °C +45 °C (for indoor use)
- 4 modules of 17,5 mm

Conformity to Standards

LV Directive, EMC Directive
EN 61010-1, EN 50090-2-2 Standards



01801 - Power supply unit

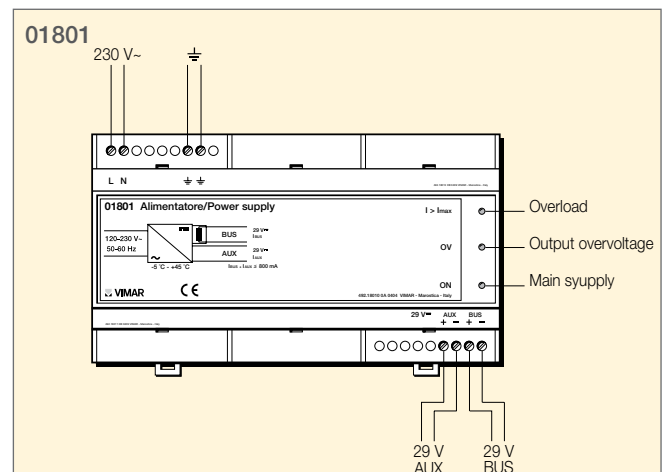
The power supply unit provides the voltage of 29 V needed to power By-me BUS devices. The maximum current that can be delivered is 800 mA. There is a maximum number of 2 power supply units that can be installed on a line.

Technical specifications

- supply voltage: 120-230 V~ 50-60 Hz
- absorption:
 - 120 V: 440 mA
 - 230 V: 290 mA
- BUS output voltage: 29 V with decoupling coil
- AUX output voltage: 29 V
- max total output voltage: 800 mA
- operating temperature: -5 °C +45 °C (for indoor use)
- 9 modules of 17,5 mm

Conformity to Standards

LV Directive, EMC Directive
EN 60950-1, EN 50130-4, EN 61000-6-3 Standards



Devices for EN 50022 rail installation

Line coupler

01845 Line coupler, on EN 50022 rail installation, occupies 3 17,5 mm modules, RAL 7035 grey



01845

Load control module

01855 Load control module, on EN 50022 rail installation, occupies 4 17,5 mm modules, RAL 7035 grey



01855

Power supply unit

01801 Power supply unit with 29 V d.c. 800 mA output, supply voltage 120-230 V~ 50-60 Hz, with decoupling coil (choke), on EN 50022 rail installation, occupies 9 17,5 mm modules, RAL 7035 grey



01801