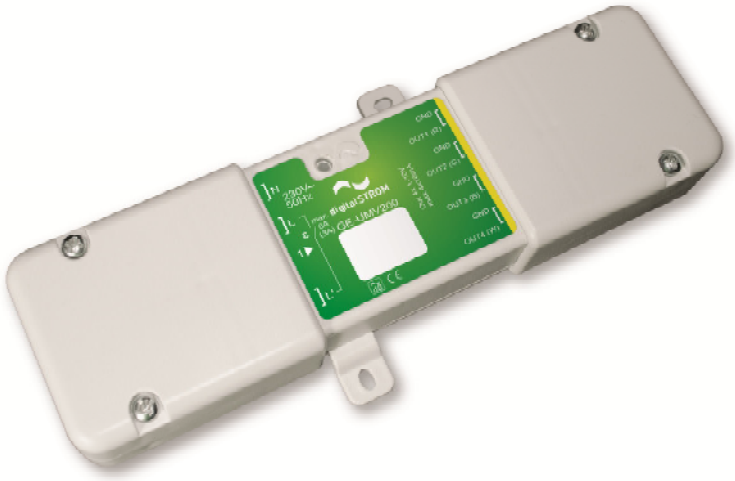
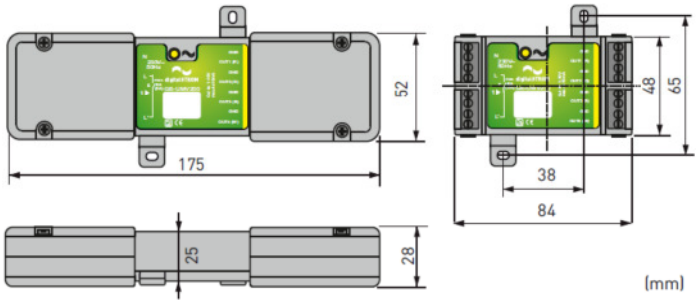
1-10V Universal Module: GE-UMV200





- **False ceiling and build-in module for lighting control**
- **4x 1-10V Interface to control lamps or rather control gears with 0-10V or 1-10V control inputs**
- **Internal shut down relais for power supply of end-devices to reduce standby power consumption**
- **Control lamps or rather control gears with active and passive control inputs; SELV**
- **Communication via the existing power cable**
- **230V external push button input for local control**
- **Integrated power measurement for end-devices**
- **No wireless connection required**

Functions

Makes your product digitalSTROM ready

The GE-UMV200 module can either be integrated into any lighting device or, since it is equipped with an individual housing, be linked to any lighting device in order to switch it. The module is powered and controlled via electric feeder.

digitalSTROM-Scenes for all 0-10V devices

In response to digitalSTROM scenes the GE-UMV200 is able to control, switch or dim every lamp or rather control gear with a 0-10V interface. The behavior can be controlled via the digitalSTROM system or your own digitalSTROM Server apps.

Integrated basic logics

The module provides integrated logic to link various applications to the digitalSTROM system. For example 1 to 4 lamps, single control gears or LED converters can be controlled.

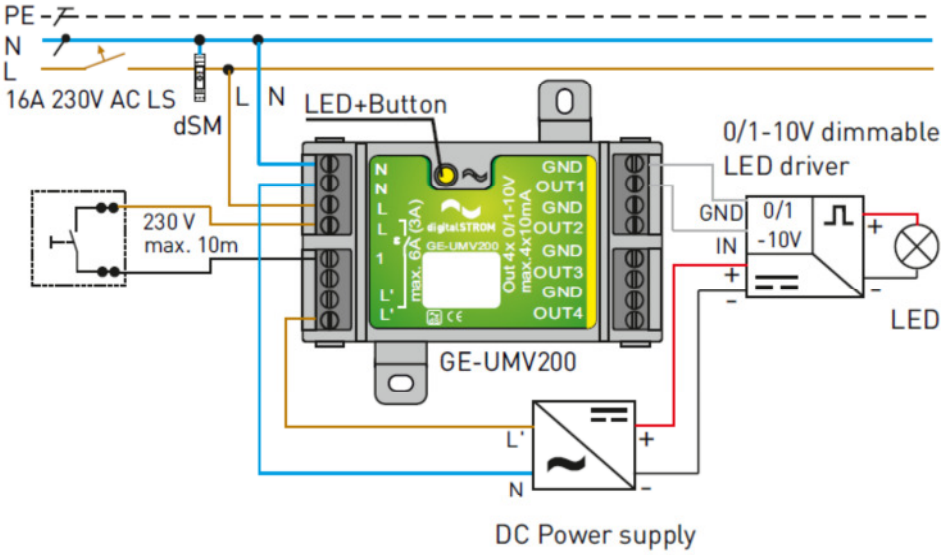
Safely isolated

The module provides a safe isolation (Safe Extra Low Voltage) between the mains and 0-10V output side of the module and fully meets the requirements of overvoltage category III (firm installation).

Features

- Universal module for integration of lighting devices / -systems with 0-10V interface into the digitalSTROM system
- 4 floating 0-10V outputs
- 1 local push-button input
- Integrated relais to shut down connected end-devices
- Integrated power measurement
- Safe isolation with high isolation voltage
- Contacting via screw terminals
- Integrated strain-relief
- Mounting eyes
- Status LED and push-button for device configuration
- Additional services via digitalSTROM infrastructure (with cloud integration) for customer retention
- Fulfills all relevant standards

Application example (1-10V control gear)



Technical details

• Housing WITHOUT end caps (LxWxD)	84 mm x 48 mm x 25 mm
• Housing WITH end caps (LxWxD)	175 mm x 52 mm x 28 mm
• Nominal input voltage/frequency	230 V±10%, (50±2) Hz
• Power consumption	0.5 W
• Number of outlets	4
• Nominal Output voltage	0-10V active 1-10V passive
• Current carrying capacity of 0-10VG outputs	max. 10mA
• Current carrying capacity of output relays	6A (3A)
• Local push button input	230V
• Ambient temperature (operation)	0 °C ... +60 °C
• Ambient humidity (operation)	< 80 % RH, non-condensing
• Isolating voltage	4 kV (SELV), ÜK III
• Air/Creepage distances	5,5 mm (SELV)
• Data transmission via 230 V AC mains	digitalSTROM-Protocol V1.0

CE

2006/95/EG / Low Voltage Directive
2004/108/EG / EMC Directive

dS READY

Device Characteristics according to digitalSTROM Product Standard

DIN EN 60669-1 / DIN EN 60669-2-1 / DIN EN 50428

digitalSTROM AG
Brandstrasse 33
8952 Schlieren-Zürich
Schweiz

+41 44 445 99 00
info@digitalstrom.com