Description

This load shedding device constantly monitors the total home consumption and automatically sheds non priority circuits loads (convectors, SHW), should the public Electricity Provider contract limits be exceeded. By managing consumptions, it enables the user to subscribe to a lower lever Electricity Provider contract, whilst avoiding sudden trips of the Electricity Provider disconnector.

It performs:
- control of up to 32 electric heating devices, grouped into zones. These control wire convectors are controlled by cable output receivers, 845 30,
- the operation of the SHW (Sanitary Hot Water) installation.

The no-freezing pushbutton is used to avoid any freezing occurring across the whole installation. The overriding of the automatic mode is possible using:
- the selector switch, item 845 29,
- the Axiophone (036 19), for switching from auto to no-freezing mode, and vice versa,
- the Omizy™ habitat internet server,
- the off-set clock, item 037 44, for the SHW circuit.

Technical data

- Voltage: 230 Vac
- Frequency: 50 – 60 Hz
- Self-extinguishing: 30 s @ 650 °C
- Storage and operating temperatures: (-5) – (+45) °C

Standards, Certification, Marks

- Standard reference: EN 50065 – IEC 60669-2-1

Dimensional data

- 4 DIN modules

Legend

1. Selection of the comfort level
2. Axiophone clamps: Remote control input
3. Axiophone clamps: Control output
4. Reception of Electricity Provider data
5. LEARN LED
6. LEARN key
7. SHW manual control
8. Clock connection
9. 230 V 1 A SHW contact
10. Power Supply
11. No-freezing control

Wiring diagram

Control by Axiophone 036 19.
**Wiring diagram**

- **S type subscription disconnector**
- **One-phase multi tariff electricity meter**
- **30 mA earth leakage device**
- **Cable output receiver 845 30**
- **ECS**

**Zone 1**
- **Circuit protection 060 20**
- **Heating control 845 29**

**Zone 2**
- **Circuit protection 060 20**
- **Heating control 845 29**

**Note:**
The heating zones are defined by learning procedure and not by wiring (see user guide).

**Warning:**
The device installation and the setting of the parameters must be completed by a qualified installer.

**Note:**
The connection of heating controls may be performed at any point of the installation.

The connection to the Electricity Provider supply network is correct when the remote info LED is on.