

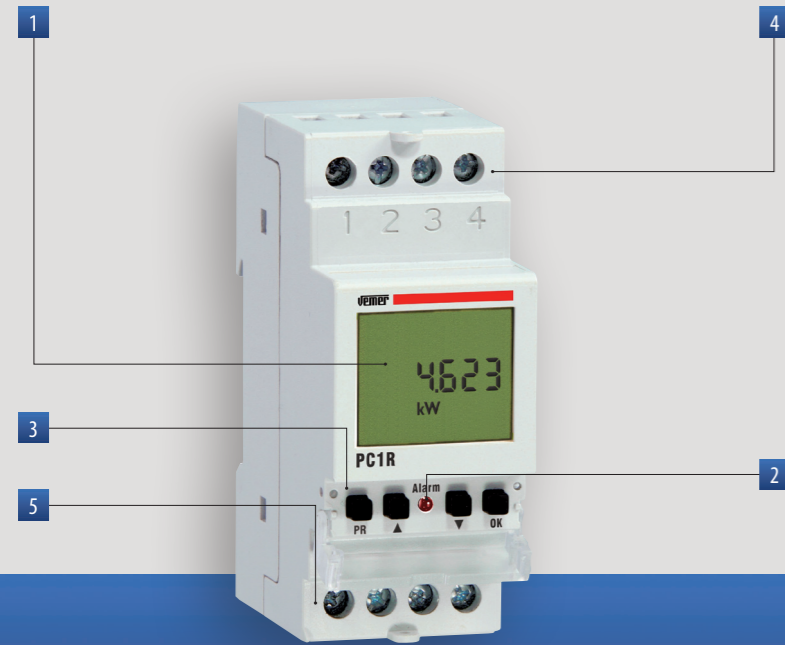
# Loads control

# PC1R

# DIMENSIONS (mm)

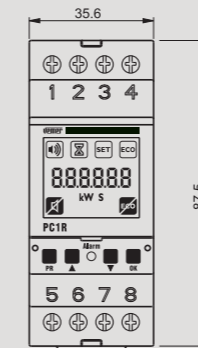
# CONNECTION DIAGRAM

Electronic instrument to control the consumption of one load to prevent the activation of the general switch for overload. The instrument automatically provides for the disconnection of the load if the total absorption of loads is higher than the set activation threshold; in this way the continuity of the service is assured.

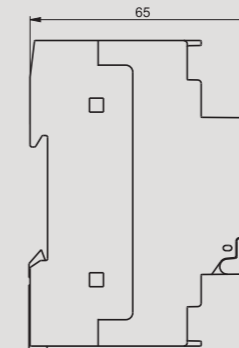


- 1 Backlit display to view the operation parameters
- 2 Red led for exceeded threshold indication
- 3 Keys for instrument programming
- 4 Terminal blocks for voltage and current inputs
- 5 Terminal blocks for the load connection

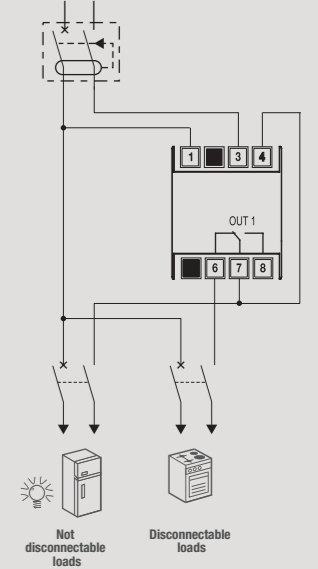
## Front view



## Side view



## Diagram

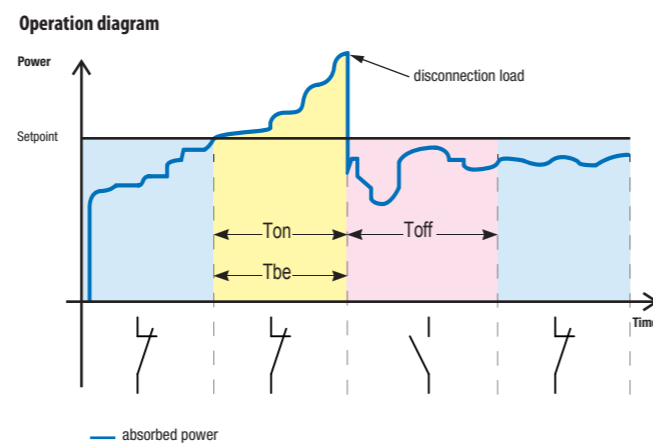


# MEASUREMENT AND CONTROL

## TECHNICAL INFORMATION

### LOADS CONTROL 1 RELAY

- Power supply: 230 Vac (-15% ÷ +10%)
- Direct current connection until 32A
- 1 relay with change-over contact from 16A / 250Vac
- Activation threshold (setpoint) settable between 0.8 and 7 kW
- Settable delays of disconnection and reconnection of the load
- Alarm condition (exceeded threshold) signalled with led and buzzer



### GENERAL CHARACTERISTICS

Power supply	V AC	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Power connection		direct until 32A through shunt
Monostable relay capacity with change-over contact		16A/250Vac
Setpoint range	kW	0.8 ÷ 7
Delay of loads disconnection	s	0 ÷ 9999
Delay between one connection and the next one	s	0 ÷ 9999
Terminal blocks for cables with maximum section of	mm <sup>2</sup>	6
Operating temperature	°C	-10 ÷ +45
Operating humidity	HR	10% ÷ 90%
		non condensing

Storage temperature	°C	-10 ÷ +65
Container		2 DIN modules
Protection degree		IP20 / IP51 (on the front panel)
Insulation		reinforced between accessible parts (front panel) and all other terminals

Code	Model	Description	Dimensions
VE475000	PC1R	Loads control 1 relay	2 DIN modules

### REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2005/108/EC (E.M.C.) is declared with reference to the following standards: • EN 61010-1 • EN 61000-6-2 and 61000-6-3 • EN 62052-11 and EN 62053-21 (metrological requirements)