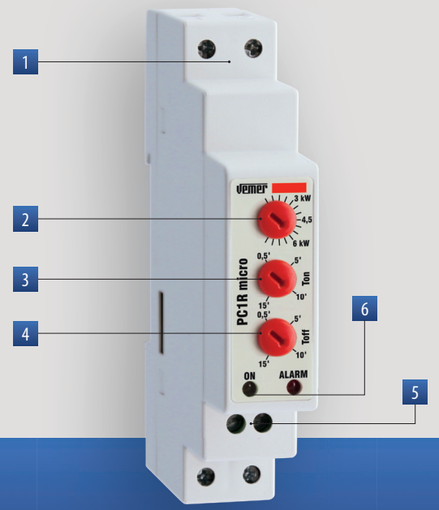
PC1R Micro

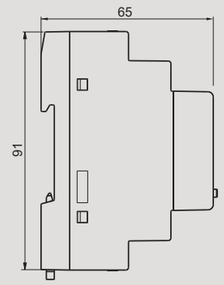
Electronic tool that allows you to control the consumption of a load in order to prevent intervention due to overload of the main switch. The instrument automatically releases the load if the total absorption of utilities is higher than the programmed intervention threshold, thus ensuring the continuity of the service.



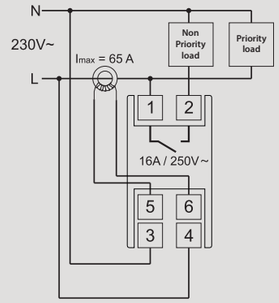
1 Terminals for the load connection
2 Trimmer for setting the threshold
3 Trimmer for setting the delay for load shedding (Ton)
4 Trimmer for setting the delay before of the subsequent load insertion (Toff)
5 Terminals for voltage and current inputs
6 Signaling LEDs:
- green for power supply
- red for exceeded threshold indication
7 Toroid for current measurement

Front view

Side view



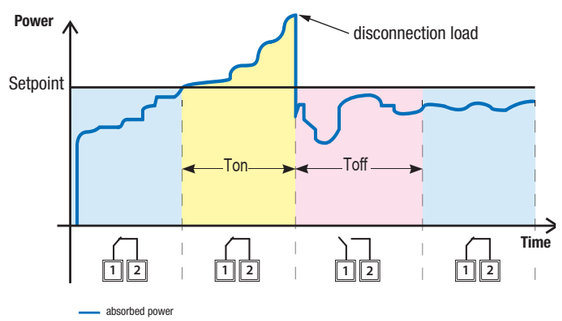
Diagram



LOADS CONTROL 1 RELAY

- Power supply: 230 Vac (-15% ÷ +10%)
- Direct current connection unti 65 A via current transformer supplied
- 1 relay NO 16 A / 250 Vac
- Activation threshold (setpoint) settable between 1 and 8 kW
- Settable delays of disconnection and reconnection of the load 30 s to 15 min
- Alarm condition (exceeded threshold) signalled with red led

Operation diagram



Code	Model	Description	Dimensions
VE788800	PC1R Micro	Loads control 1 relay	1 DIN module

GENERAL CHARACTERISTICS

Power supply	Vac	230 (-15% ÷ +10%)
Frequency	Hz	50 / 60
Power connection		direct until 65 A through TA
Relay capacity at 250 Vac	A	16
Setpoint range	kW	1 ÷ 8
Delay of loads disconnection	s	30 ÷ 900
Delay between one connection and the next one	s	30 ÷ 900
Terminals for cables with maximum section of	mm^2	4
Operating temperature	°C	-10 ÷ 45
Operating humidity	HR	10% ÷ 90% non condensing

Storage temperature	°C	-10 ÷ 65
Container		1 DIN module
Protection degree		IP20 / IP40 (on the front panel)
Insulation		reinforced between accessible parts (front panel) and all other terminals

REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/UE (LVD) and 2014/30/UE (EMCD) is declared with reference to the following Standards: • EN 61010-1 • EN 61000-6-2 • EN 61000-6-3