MCR230

VP812200



Alternating relay designed to allow balanced usage of pumps, compressors, generators, etc. when two units are installed, one working and the other as a reserve unit. The operating principle is based on the alternation of engine start commands each time the input contact is closed, driven by an external automatism (e.g. a pressure switch).

General features

- LEDs indicating relay status and power presence
- Terminal blocks for connecting the power supply and output circuits
- DIN-rail mounted
- Insulation: galvanically isolated power and load circuits with double insulation
- Mode of operation:
  - alternating
  - simultaneous
  - multi-stage for controlling several motors (n>2)

Technical specifications

Power supply	
Power supply	115 / 230 Vac
Frequency	50 / 60 Hz
Absorption	3.5 (2.5) VA (W)
Operating conditions	
Operating temperature range	0 ÷ 50 °C
Relative humidity	20% ÷ 90% non-condensing RH
Storage temperature range	-25 ÷ 70 °C
Insulation class	II
Outputs	
Relay number	2
Relay type	Heat exchange
Relay capacity at 250 Vac	8 A
Terminations	
Termination type	Terminal blocks
Maximum cable cross-section	6 mm²

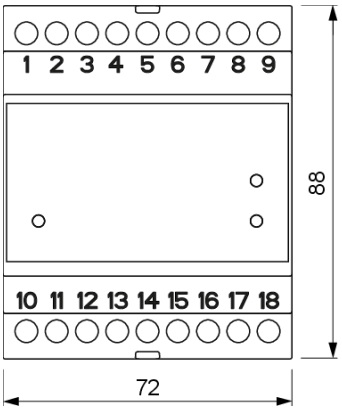
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Revision date: 2026-02-02

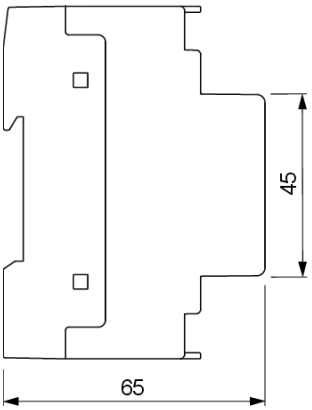
Overall dimensions	
Height (A)	88 mm
Width (B)	72 mm
Depth (C)	65 mm

Dimensions

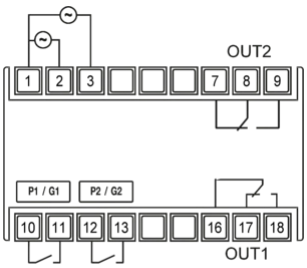
Front View



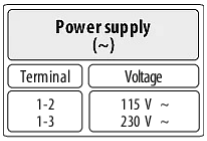
Side View



Wiring diagram



Graphic details



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Model variants

MCR-048

48 Vac power supply

MCR-400

Power supply 400 Vac

Reference standards

Compliance with Community Directives:

• 2014/35/UE (LVD) • 2014/30/UE (EMCD) • 2011/65/UE e 2015/863/UE (ROHS)

is declared with reference to the following Standards:

• EN 61010-1 • EN IEC 61000-6-2 • EN IEC 61000-6-3 • EN IEC 63000

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