

Alternating relays

for 3 or 4 pumps or compressors with fault response

AVR 300
AVR 400



Description

The alternating relays AVR300 and AVR400 alternate the inputs 3 (4) to the outputs 3 (4). It is possible to select the required alternating mode according to the following:

- ❶ Alternate following each operating cycle
- ❷ Following a given number of operating hours
- ❸ Fixed alternation after 12 hours

If voltage is applied to one of the fault inputs 3 (4), operations are switched to a fault-free output.

If 1 and 2 have been selected, switchover is initiated after all the inputs are again voltage free.

The control state of the relay and the input with a fault are indicated by means of LEDs.

Principal functions:

- Choice of three alternating options
- Switchover to reserve pump(s) when fault occurs
- LED when output is active
- LED blinks when fault occurs
- Easy to install
- Pluggable Housing

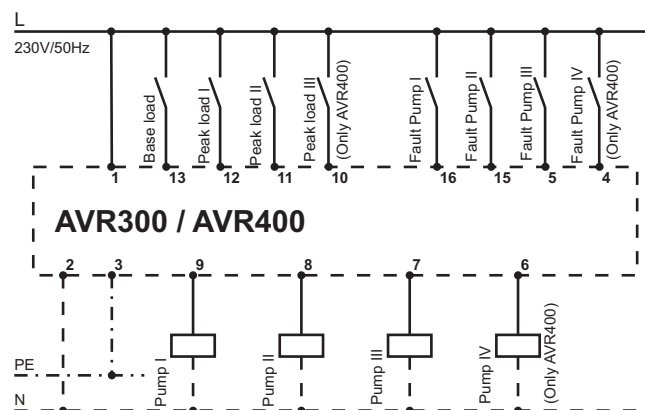
Application

The alternating relays AVR300 and AVR400 are required to alternate the load between pumps and compressors, including in response to a fault. The goal is to balance the load placed on the machines and even out machine wear.

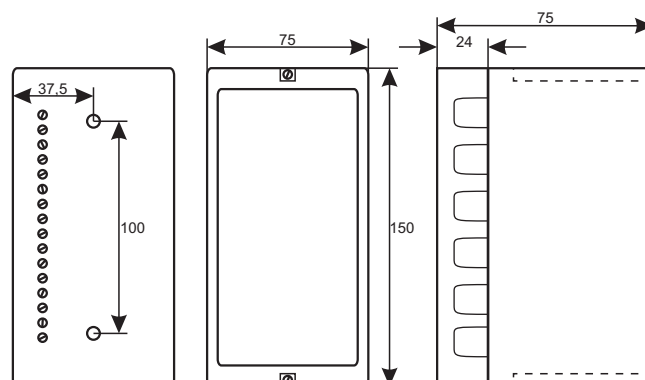
Technical data

Operating voltage:	230 V / 50 Hz 24 VDC and 24 VAC (Option)
Power consumption:	ca. 6 VA
Switching capacity:	250 V / 50 Hz, 1 A max. 100 VA
Housing:	ABS
Degree of protection:	IP 50
EMC	
Emission:	EN 50 081-2
Immunity:	EN 50 082-2

Electrical connection



Dimensions



Status 03/2012 - Subject to technical modifications



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