

RF3-220: PHASE INVERSION / PHASE LOSS RELAY

CHARACTERISTICS

INPUT

Mains: 220 Vac 50/60 Hz lines

SIGNALING

Red LED on: normal state

OUTPUT

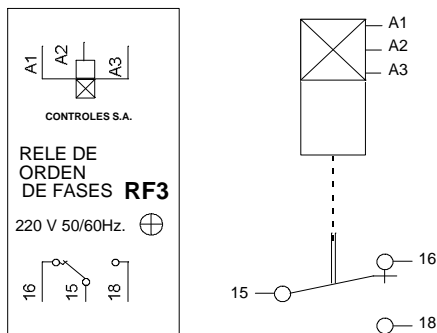
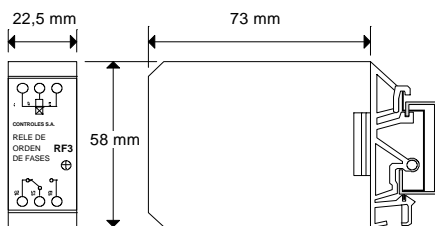
Relay: NA, C, NC

Contact rating: 2 A @ 220 Vac

POWER SUPPLY

From input AC lines A1 and A3

Power drain: less than 3 VA



MADE IN URUGUAY

OPERATION

The RF3-220 monitors the three power input lines to a system to detect the three following risk conditions:

- phase inversion
- phase loss
- low voltage (approx. 160 Vac)

Only if the voltage at each of the three phases is greater than 160 Vac approx. when phase rotation sense is clockwise then the output relay closes and the red LED lights.

APPLICATIONS

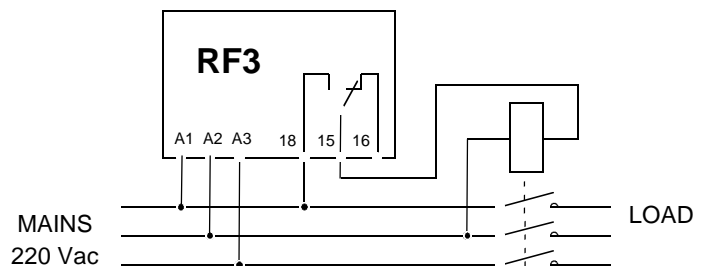
Generally used to protect equipment that includes phase order sensitive devices, typically AC motors.

In the case of elevator control panels, the normally open contact of this relay must be included in the safety series of the installation.

OPTIONS

RF3-110: 110 Vac 50/60Hz input

ARF3-380: to be used in 380 Vac 50/60 Hz systems



CONTROLES S.A.

Av. Rivera 3314
11300 Montevideo
Uruguay

Tel.: +598 2 622 0651

Fax: +598 2 622 2048

info@controles.com

www.controles.com