

NIO Interface Relay

Specifications:

Input

Nominal voltage (UN)⁽¹⁾:12/24/220 Vac/dc
Consumption:0.2/0.3/0.9 VA (W)
Operating range:0.8... 1.1 UN
Holding voltage:0.6 UN

Output

Output type:SPDT relay
Rated current:6 A
Maximum peak current:10 A
Max. resistive current CC (30V / 220 V):6 A / 0.15 A
Voltage:250 Vac/dc
Maximum voltage:400 Vac/dc
Resistive load capacity:1500 VA
Inductive load capacity ⁽²⁾:300 VA
Single phase motor rating (220 Vca):1/4 HP
Contact material:AgNi

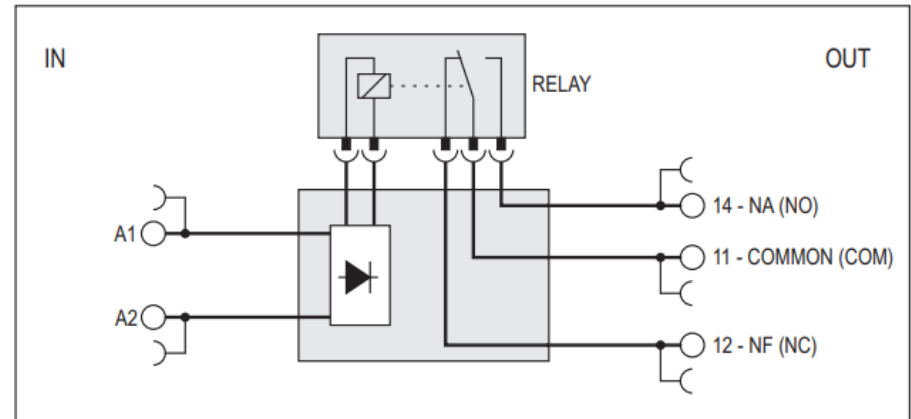
Technical Data

Mechanical life:10.000.000 cycles
Electrical life at rated load:60.000 cycles
Operate/release time:5 ms
Electrical insulation between input/output:1000 Vac
Ambient temperature range:-40 to 70 °C.....-40 to 55 °C for UN of 220 V
Environmental protection:IP20 ⁽³⁾

Notes:

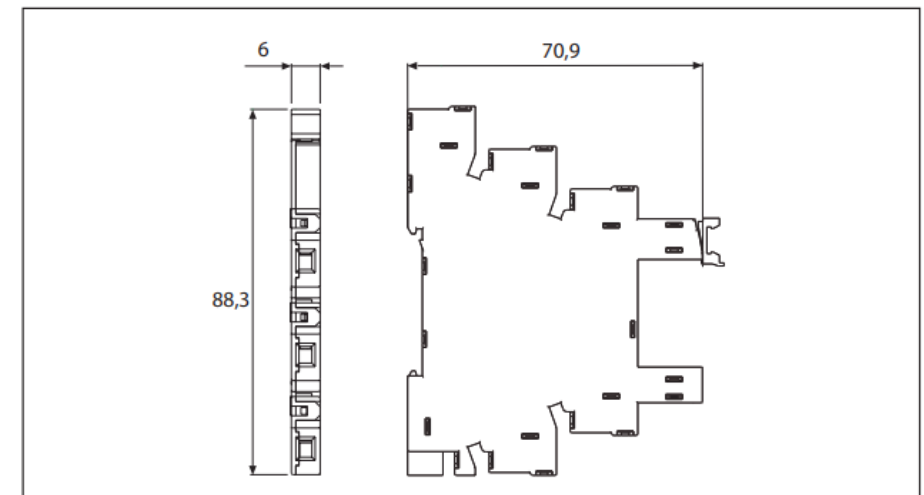
1. Nominal operating voltage is marked in the product case.
2. Assume a peak inrush current of approx. 10-times rated current, and keep this within the specified "Maximum peak current" for the relay.
3. Protected against solid foreign objects of 12.5 mm Ø and greater.
Not protected against water. IP 20 rated

Block Diagram:



Screwless terminal (Spring clamp): Wires are terminated under the pressure of a spring clamp. The clamp by screw.

Dimensions:



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