

ADR131X-3-DC Three Way Interface Relay

- Suitable for SIL 1 & SIL 2 rated (EN 61508) safety instrumented system (SIS) loop applications, as 1oo1 architecture (HFT:0)
- Non-Smart / Non-uProcessor based, Type 'A' component.
- DC Coil (Non-Latching) Rating options:
24V / 48V / 110V DC
- AMELEC Standard 10 year warranty

Technical Specifications

Input

24V to 110V DC Voltage applied Relay Contact

Three way Output

3 x Repeat C.O Contacts, rated 8A 250Vac as standard. May be specified as either all N.O or N.C contacts, or as a combination of both N.O & N.C contacts.

Contact material: High performance AgSnO2
 Max switching voltage: 400Vac
 Response - Operate / Release time: <50mS
 Mechanical Endurance: DC >30x10⁶, AC >5x10⁶ operations

N.B; Relay contacts that switch inductive loads or other arcing devices should be suppressed, ideally at or across the inductance or other source.

Indicator

1 x Red LED: **ON** when Relay module Energised (Extinguished in De-energised state)

Isolation/Protection

5000V rms (Reinforced/Opto-iso) Input/Output(s) contacts
 1000V rms between Open Contacts
 5000V rms between Contacts & Coil

Environmental Conditions

Storage Temperature: -40 to +70°C
 Operating Ambient: -20 to +70°C
 Relative Humidity: 5 – 95 RH (Non-condensing)
 EMC: 2014/30/EU , EN 61326-1:2013 (Industrial)
 Vibration Resistance: 5g at 30-300Hz (Functional)

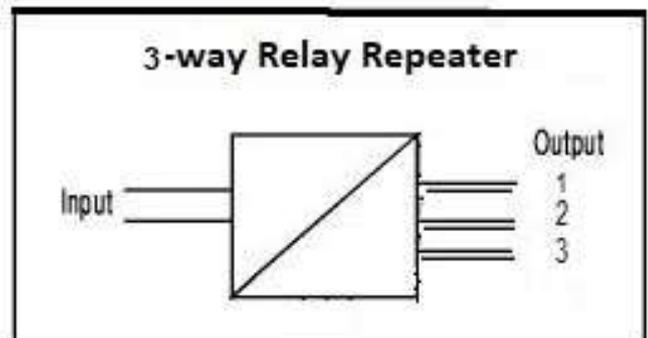
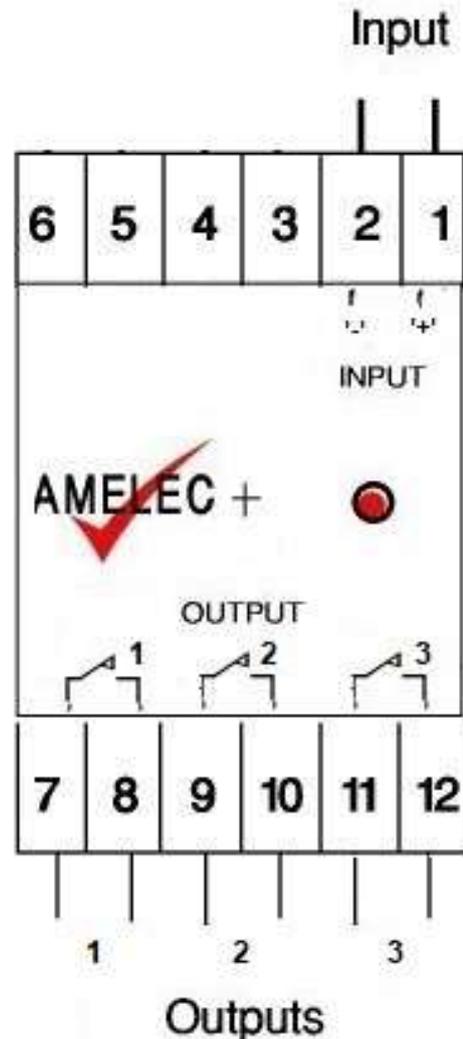
Mounting

Din Rail (TS35) or Surface by corner fixing holes as standard

Dimensions

50w x 75h x 110d mm

WIRING



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