

ADR131X-5 Five Way Interface Relay Module

- 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 / AC Coil (Non-Latching) Rating options:
 - 24V / 48V / 110V DC
 - 24V / 115V / 230V AC
- AMELEC Standard 10 year warranty

Technical Specifications

Input

24V to 240V ac/dc Voltage applied Relay Contact

Five way Output

5 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

Operate / Release time: <10ms

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: Relay module Energised
(Extinguished in De-energised state)

Isolation/Protection

1000V rms 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

