

ADT131X-2 Dual Channel Contact Repeater

- Suitable for most Volt free Contacts
- Supply Voltage: 20 to 30Vdc
- Amelec standard 10 year warranty
- Suitable for SIL Level 1, 2, & 3 (IEC 61508-2)

APPLICATION

Any application where repeat or inverse of input is required.

TECHNICAL SPECIFICATION

FUNCTION

Repeat contacts of input 1 & 2, 1 x common contact.

INPUT

Volt free contacts (wetted with 10mA >24Vdc)

OUTPUT

SPCO contacts, NO or NC, rated at 250VAC, 2A, 60VA resistive.

CONTROLS

N/A

INDICATOR

Power ON: LED, Amber.
Relay status: LED, Red.

PERFORMANCE

Response time: Typically < 400mS

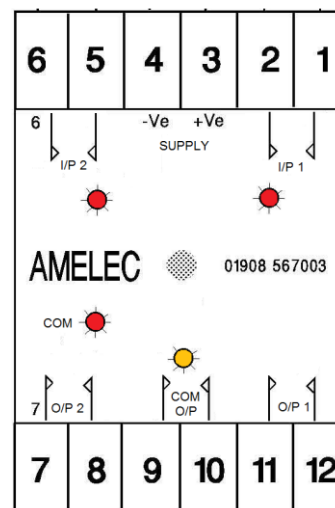
PROTECTION

Isolation 1000V RMS. (Inputs+Supply)/Contacts/Earth
External Fuse recommended on Supply. (100mA T)

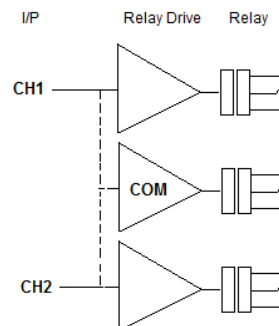
TERMINATION

I/P 1	1
I/P 1	2
Supply +	3
Supply -	4
I/P 2	5
I/P 2	6
O/P 2-NO	7
O/P 2- NO	8
COM-NO	9
COM-NO	10
O/P 1-NO	11
O/P 1-NO	12

FRONT VIEW



FUNCTION BLOCK DIAGRAM



ENVIROMENTAL CONDITION

Storage temperature: - 40 to +70 °C
Operating Ambient: -15 to +55 °C
Relative Humidity: 5 to 95% RH

MOUNTING / DIMENSION

Enclosure: 50w x 75h x 110d (137d with DI Option)
Mounting: Din rail / Surface (optional Panel Mount)
Weight < 300g

ADD ON / OPTIONS

K: RFI protection to IEC801-3
Non standard Supply voltage