

ADC355X-2 Dual Channel Namur Input Contact Repeater

- Supply voltage: 24Vdc / 115Vac / 230Vac
- RFI protection to IEC61000-43
- Amelec standard 10 year guarantee
- Suitable for SIL Level 1, 2, & 3 (IEC 61508-2)

APPLICATION

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TECHNICAL SPECIFICATION

INPUT

Can be configured to accept Namur input, contact closures, open collector PNP/NPN, Voltage up to 24V. Current up to 100mA.

Frequency bandwidth up to 10Hz max.
Input Excitation: 10V @ 20mA max.

OUTPUT

Output can be specified as NPN, PNP, Open Collector, 5V pulses, 24V pulses, NO/NC Volt free contacts.

INDICATOR

Contact status: LED, Red.

Power ON: LED, Amber.

PROTECTION

Input O/C drive downscale
Isolation 1000V RMS. Input/Output/Supply/Earth
Internal Fuse.
Input over range up to typically 300%.

ADD ON / OPTIONS

DI: LCD display for local monitoring
J : Input injection jack socket
P: Test point
Non standard Power supply ranges available

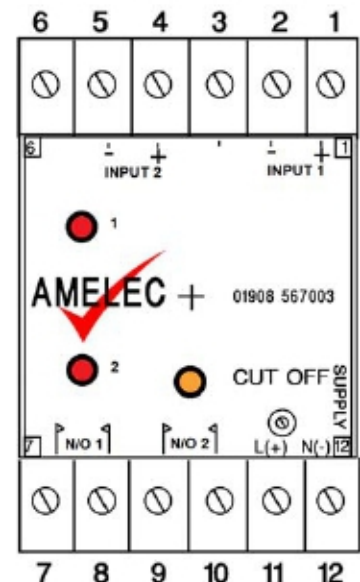
ENVIRONMENTAL CONDITION

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

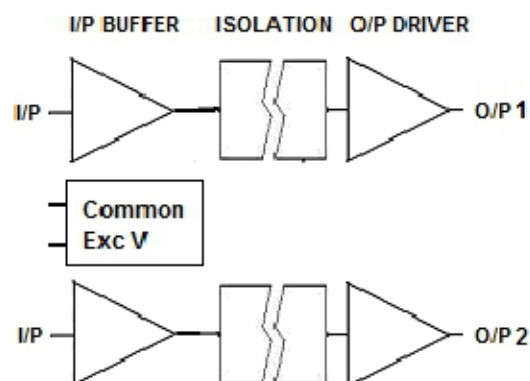
TERMINATION

INPUT 1 +	1
INPUT 1 -	2
Scn	3
	4
OUTPUT 2+	5
OUTPUT 2 -	6
OUTPUT 1+	7
OUTPUT 1 -	8
Scn	9
Earth	10
Live / +	11
Neutral / -	12

FRONT VIEW



FUNCTION BLOCK DIAGRAM



MOUNTING / DIMENSION

Enclosure: 50w x 75h x 110d
Mounting: Din rail / Surface (optional Panel Mount)
Weight < 200g