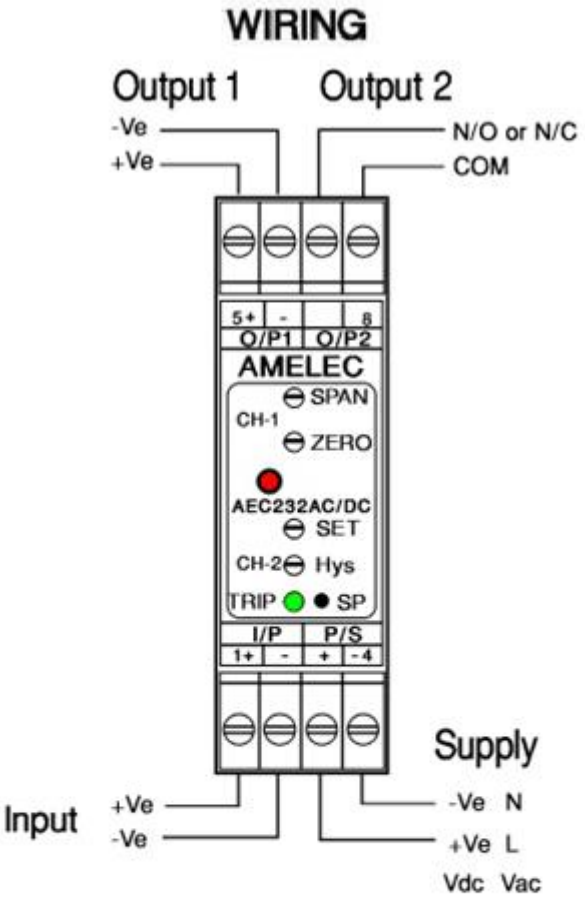
AEC232 AC/DC Process Signal Trip-Transmitter/Isolator

- Suitable for combinations of Process V/I (DC) Input & Output signals
- True universal AC/DC supply voltage 21V through to 265V AC/DC



Technical Specifications

Input
The standard input signal is 4-20mA, other ranges are available on request.
Signals are routed into a pi network to develop a 1V span.
(I.e; Passive input port, with 50ohms impedance as standard)

Analogue Output
The standard output signals are 4-20mA, other ranges are available on request.
The current source can be up to 20mA with a drive voltage of 13V.
The voltage source can be up to 10V's, maximum drive 20mA.
The output current is configured as an active/Source port as std, current Sinking output port option is available on request if required.

Input O/C Response: Downscale drive / 0mA

Relay Output
Trip gives set of change over contacts, rated at 250V AC 2A, 100VA resistive.
Green LED Trip status indicator.
Trip set point adjustment by 15 turn potentiometer.
Test Point (SP) to monitor trip Set Point setting.
4-20mA = 0.2 to 1V, with reference to input 0V.
Hysteresis set by 15 turn potentiometer (1 to 4% span max)

Jumper settings
User friendly DIL switches &Jumper links to change original factory settings.

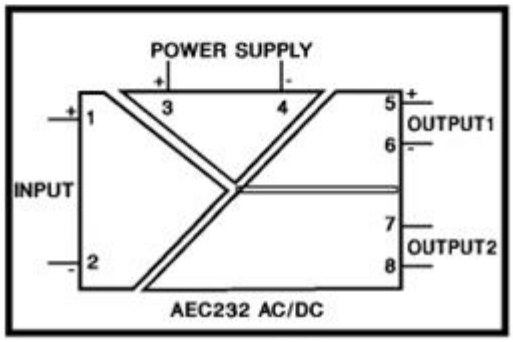
1. Relay mode on Power Loss, N/C or N/O (J6A)
2. Trip on High or Low input signal level: (S1)
3. Relay Energised or De-energised on Trip (S3)
4. Relay status LED On or Off in Trip state (S3)

Supply
Burden on supply 3W

Isolation
1000Vdc Input/Output/Contacts/Supply

Environmental Conditions
Storage Temperature: -20°C to +70°C
Operating Ambient: -5°C to +55°C
Relative Humidity: 5% to 95% RH (Non-condensing)

Dimensions/Mounting
Enclosure: 22.5w x 75h x 105d mm
Mounting: Din Rail (TS35)



TRIP Mode	S1	LO	HI
	1	OFF	ON
	2	ON	OFF
	3	ON	OFF
	4	OFF	ON

LED mode in TRIP	S3	ENG	DE- ENG
	1	OFF	ON
	2	ON	OFF
Relay mode in TRIP	S3	ENG	DE- ENG
	3	OFF	ON
	4	ON	OFF

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