



ENGLISH

Datasheet

Stock No: 218-4469

RS Pro Signal Isolation Converter



Product Details

24Vdc Trip Amplifiers, Signal Isolator/Converters

Symmetric DIN rail mounting units with finger protected terminals designed for use in process control and instrumentation applications. Single or dual level trip amplifiers from a single Input. Each trip can be arranged so that the alarm condition can be above (high trip) or below (low trip) the set point, and that the relay can be either normally energised to de-energise in the alarm condition (fail-safe), or normally de-energised to energise in the alarm condition (non fail-safe). signal Isolators/converter; this unit conditions the signal before sending it through an opto-isolated hybrid circuit. Input and output stages are power from separate secondaries of the dc/dc inverter to provide 3 port isolation

Input and output stages powered from separate secondaries of the supply transformer to provide 3-port isolation

Dual supply voltage operation

LED indication of "power on"

Technical specification - Signal Conditioning Units	
Relay Contact Rating	3A @ 250Vac (cosØ = 1) 1A @ 250Vac (cosØ = 1)
Trip Differential	0.5% of span



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Specifications:

Input Type	Analogue, Potentiometer, Resistance
Output Type	Analogue
Signal Conditioner Type	Filter, Isolation
Input Range	-250 → 250 V dc, 0 → 20 mA
Output Range	0 → 10 mA, 0 → 10 V dc
Supply Voltage	10 → 30 V dc
Mounting Type	DIN Rail
Sensor Compatibility	RTD, Thermocouple
Minimum Operating Temperature	0°C
Maximum Operating Temperature	+50°C
Operating Temperature Range	0 → +50 °C