

Datasheet

Stock No: 629-522

RS Pro Signal Isolation Converter



Product Details

Signal Conditioning Units

Trip Amplifiers; single or dual trip amplifiers with the facility to arrange each trip so that the alarm condition can be above (high trip) or below (low trip) the set point and the relay can be either energise/de-energise in the alarm condition (fail-safe) or de-energise/energise in the alarm condition (non-fail safe)

Dual supply voltage operation

Bi-colour LED status indication

Front panel adjustment of "Trip Levels"

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 ($\cos\theta = 1$) 1A @ 250Vac ($\cos\theta = 1$)
Trip Differential	0.5% of span

Note

Trip settings are set via links on a PBC within the unit, Signal isolators/Converters; Four units which provide signal isolation via an opto-isolated hybrid circuit. The 0-10Vdc; 4-20mA; and 4-20mA; 0-10Vdc units also convert process signals into a required standard transmission voltage or current signals

DIN Rail Mounting

Specifications

Input Type	Voltage
Output Type	Voltage
Signal Conditioner Type	Filter
Input Range	0 → 10 V
Output Range	0 → 10 V dc
Supply Voltage	24 → 230 V ac
Mounting Type	DIN Rail
Sensor Compatibility	RTD, Thermocouple
Minimum Operating Temperature	-20°C
Maximum Operating Temperature	+60°C
Operating Temperature Range	-20 → +60 °C