



ENGLISH

Datasheet

Stock No: 629-522

RS PRO Signal Isolation Converter



Signal Conditioning Units

RS Pro 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. 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"

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 4-20mA; 0-10Vdc units also convert process signals into a required standard transmission voltage or current signals

Specifications

Attribute	Value
Module Type	Signal Isolator
Input Signal Type	Voltage
Output Signal Type	Current
Supply Voltage	24 → 230V ac
Input Range	0 → 10V dc
Output Range	4 → 20mA
Mounting Type	DIN Rail Mount
Operating Temperature Range	-20 → +60°C
Minimum Operating Temperature	-20°C
Termination	Screw
Maximum Operating Temperature	+60°C
Series	TYA-202