

SR361

Alarm Unit with Current and Voltage Input and Double Relay Outputs



SR361 is designed for monitoring current and voltage signals in the process industry.

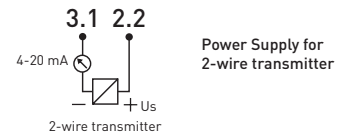
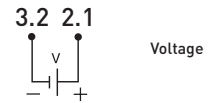
Two output relays can be configured independently or simultaneously of each other. LED's in the front indicate alarm state and correct power supply.

- Current and voltage input
- A transmitter supply is provided for the operation of 2-wire transmitters
- Two relay outputs with independent or simultaneously switch functions
- Monostable relays for safe tripping at power failure
- SPDT relays with 6 A switch capacity
- High configuration flexibility with DIP switches
- Trip levels and hysteresis adjustable from the front
- Three front LED's for trip indication and power supply monitoring
- 4 kV isolation between input, output and power supply
- Protective Separation acc. to EN 61140
- 24 V DC power supply
- DIN-rail mounting

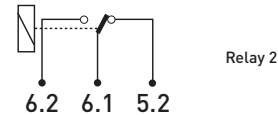
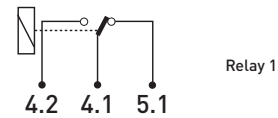
Specifications:

Input Current	0(4) to 20 mA
Input impedance	5 Ω
Maximum overload	200 mA
Input Voltage	0(2) to 10 V
Input impedance	120 kΩ
Maximum overload	300 V
2-wire Transmitter Supply +Us	16 V at UPower = 24 V, [13 ... 22 V depending on the supply voltage] current limited ≤ 30 mA
Output, Relay 1 & 2	
Relay contacts	1-pole switch over contact (SPDT)
Contact rating	250 VAC / 6 A, 1500 VA 250 VDC / 0.2 A, 115 VDC / 0.3 A, 30 VDC / 6 A
Relay function	Monostable, Open/Closed-Circuit Operation (switch selectable)
Alarm functions, relay 1	High/Low alarm (switch selectable)
Alarm functions, relay 2	High/Low alarm (switch selectable)
Alarm indication	Alarm state indicated by yellow LED
Adjustable alarm set-point	0 to 110 % with 12-turn potentiometer, independently adjustable for each relay output
Adjustable hysteresis	0 to 6 % or 0 to 60 % of input span, switchable and adjustable in front
Response time	Ca. 20 ms (fixed)
Operation temperature	-20 to +60 °C / -4 to +140 °F
Galvanic isolation	
Input / power supply / relay outputs	Test Voltage: 4 kV AC Working voltage: 1 kV AC/DC for OVC II, 600 V AC/DC for OVC III)
Relay 1 / Relay 2	Test Voltage: 3 kV AC Working Voltage: 300 V AC/DC
Power supply	
Supply voltage	24 V DC, ± 15 %, approx. 1.0 W
Typical accuracy	Trip point: ±0.2 % of span
Mounting	35 mm DIN rail acc. to EN 60715

Input connections



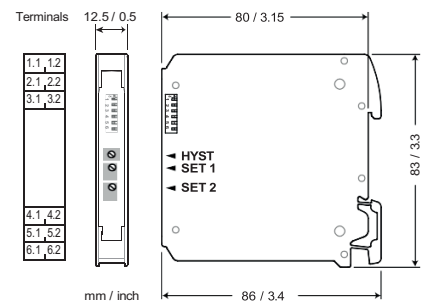
Output connections



Power supply



Dimensions



Ordering information

SR361

70SR361001