

RTA421

Limit switch

Contactors with loop power supply for monitoring current or voltage signals



from **SGD552.99**

Price as of 16.09.2021

More information and current pricing:

www.sg.endress.com/RTA421

Benefits:

- 2 relays for set point monitoring (with SPDT contacts)
- Loop power supply for connected sensors
- LC display for alarm set points and bar graph
- Compact housing
- Front end setup using 3 push buttons
- DIN rail mounting, 45 mm housing width

Specs at a glance

- **Input** 1 x analog (U, I)
- **Output** 1 x transmitter power supply
- **Output** 1 x transmitter power supply
- **Display** LCD 6 mm (0.24") 4-digit Bargraph
- **Power Supply** Not defined

Field of application: The RTA421 contactor monitors industrial processes for safe operation. The unit analyzes current (0/4...20 mA) and voltage signals (0/2...10 V) and switches two independent output relays if the values either exceed or undercut the preset alarm set points. On the display both limit values are indicated in parallel. The bar graph informs on the connected signal at any time. Applications include pump control in the waste water industry. Level measurement in silos can be economically achieved.

Features and specifications

Acquisition / Evaluation

Measuring principle

Contacter

Function

Display

Power

Switch

Certification

-

Input

1 x analog (U, I)

Output

1 x transmitter power supply

Relay output

2 x changeover contacts

Auxiliary power supply / Loop power supply

196...250 V AC

97...127 V AC

20...250 V AC/DC

Dimensions (wxhxd)

45 x 107.8 x 112 mm

(1.77" x 4.24" x 4.41")

Operation

3 keys

Acquisition / Evaluation

Display

LCD 6 mm (0.24")

4-digit

Bargraph

Process transmitter

Measuring principle

Process transmitter

Measuring principle

Contacter

Function

Display

Power

Switch

Loop power supply

196...250 V AC

97...127 V AC

20...250 V AC/DC

Power Supply

Not defined

Input

1 x analog (U, I)

Output

1 x transmitter power supply

Process transmitter

Software functions

Not defined

Certificates

-

SIL

Not defined

Display

LCD 6 mm (0.24")

4-digit

Bargraph

Interface

Not defined

Dimensions (WxHxD)

45 x 107.8 x 112 mm (1.77" x 4.24" x 4.41")

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