

SAKA



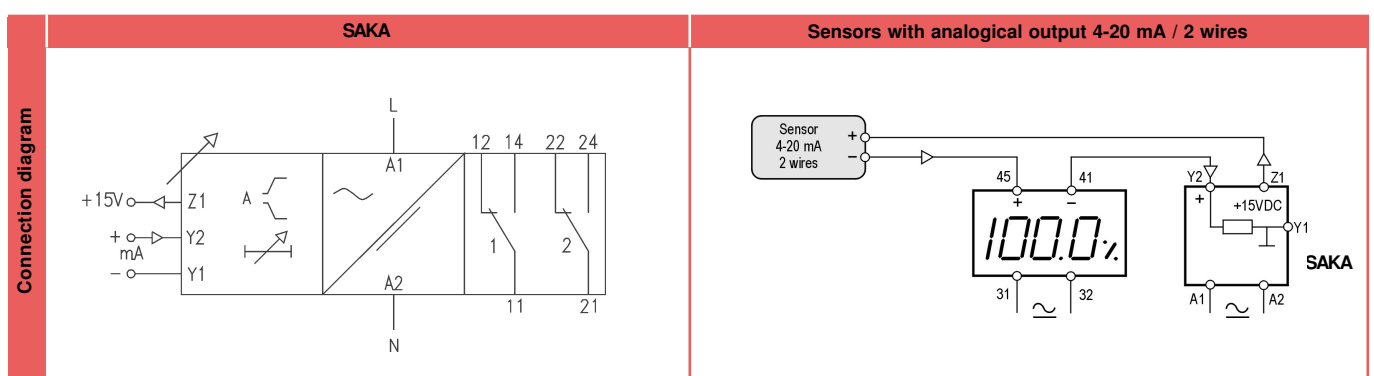
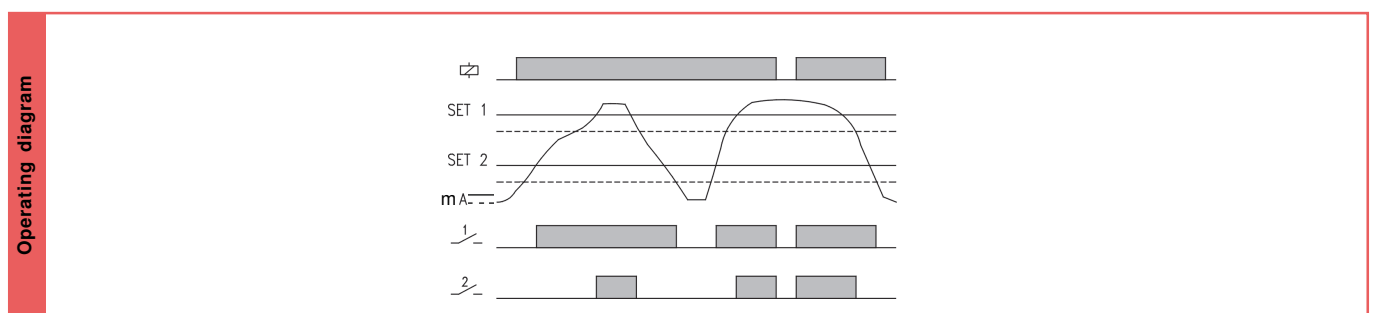
RELAY FOR CURRENT LOOP



Function	Relay for 4-20mA current loop with two independent set points. Output of 15 VDC for loop supply.
Measurement	Detection in DC.
Operating principle	When the supply voltage is connected, if the measure current is less than the ones pre-set in each control, the relays remain released. When the measure current exceeds the pre-set values, each relay operates according its control, and remain so until the measure current goes below 10% of each pre-set value. When the supply voltage is connected, if the measure current exceeds the pre-set values, the relays operate instantaneously.
Leds indication	Power on: Green Relays on: Red
Relays	It is provided with two relays, each one related two each set point.
Hysteresis	10%. fixed
Timing	No

	HOUSING	FUNCTION	OUTPUT	VOLTAGE	RANGES
Reference	S Flush mounting	A K Current relay with two independent set points	A 1+1 SPDT	024 24 VAC 110 110..125 VAC 230 220..240 VAC 400 380..415 VAC 440 440 VAC 901 15..70 VAC/DC 902 60..240 VAC/DC	A02 2..20 mA

To compose the reference, select one option of each column. Example: **SAKA 110 A02**



		SAKA
Output relays		
	Resistive load	AC 10 A / 250 V
		DC 0,4 A / 200 V
	Inductive load	AC 10 A / 24 V
		DC 5 A / 250 V
		AC 5 A / 250 V
		DC 5 A / 24 V
	Mechanical life	> 30 x 10 ⁶ operations
	Max. switching rate, mech.	72.000 operations / hour
	Electrical life at full load	360 operations / hour
	Contact material	AgNi 90/10
	Maximum voltage	440 VAC
	Operating voltage	250 VAC
	Volt. between changeovers	2500 VAC

Supply	AC	ACDC
	SAKA 	SAKA
	Galvanic isolation	Yes
	Frequency	50 / 60 Hz
	Operating margins	±10% -15%
	Positive	-
	Protected polarity	-

Constructive and enviromental data	SAKA
	Voltage phase-neutral 300 V
	Overvoltage category III
	Rated impulse voltage 4 kV
	Pollution degree 2
	Protection IP 20 B
	Approximate weight 250 g
	Storage temperature -50...+85°C
	Operating temperature -20...+50°C
	Humidity 30...85% HR
	Housing Cycoloy - Light grey
	Socket Lexan - Light grey
	Leds cover Lexan - Transparent
	Button, terminal block, clip Technyl - Dark blue
	Pins of the socket Nickel-plated brass
	Pins of the terminal block -
	Approvals Designed and manufactured under EEC standards. Electromagnetic compatibility , directives 89/366/EEC and 92/31/EEC. Electric safety, directive 73/23/EEC. Plastics: UL 91 V0

Dimensions	SAKA

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