

# PAGA DAGA SAGA

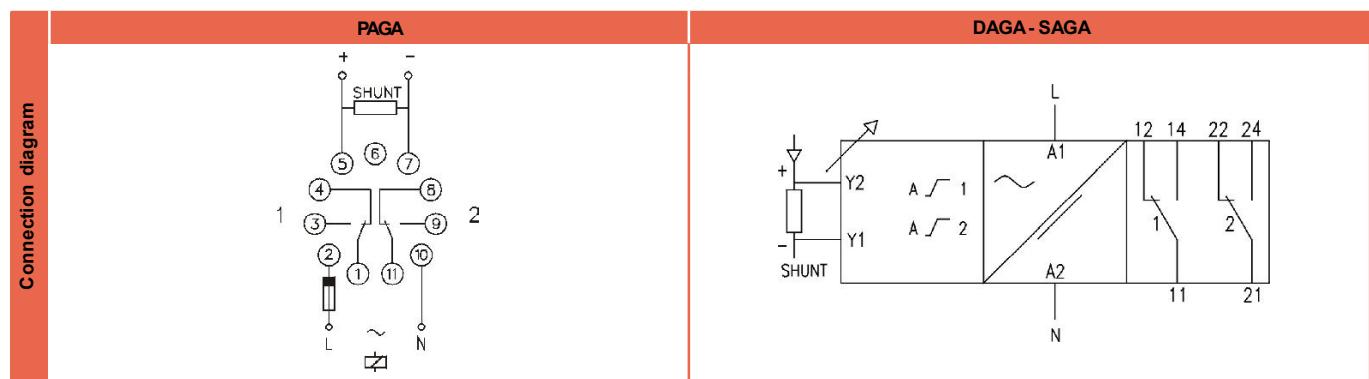
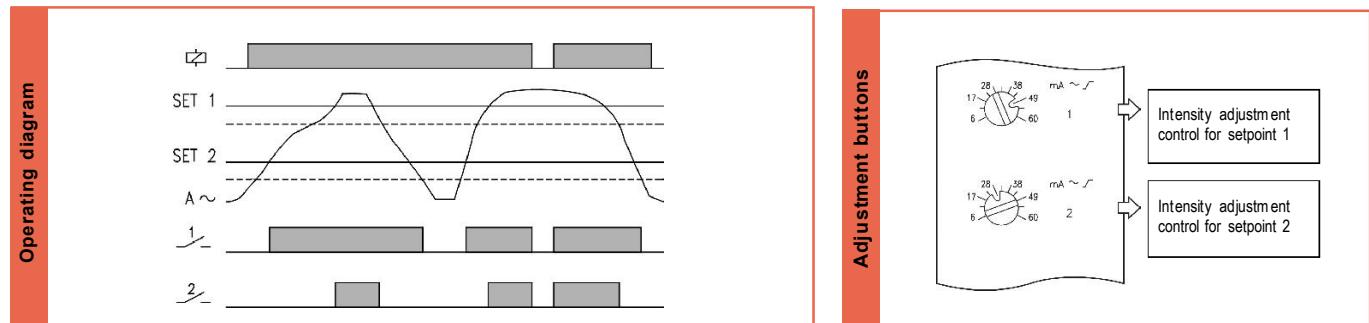
## CURRENT RELAY WITH TWO SET POINTS



Difference	Two independent set points. Measurement through external shunt.
Measurement	Detection in AC.
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 timing

Reference	HOUSING	FUNCTION	OUTPUT	VOLTAGE	RANGES	
					RANGE	I máx.
P	Plug-in	<b>A G</b>	A	024	24 VAC	
D	DIN rail			110	110..125 VAC	V05 5..50 mV
S	Flush mounting			230	220..240 VAC	V06 6..60 mV
				400	380..415 VAC	V10 10..100 mV
				440	440 VAC	V15 15..150 mV
				901	15..70 VAC/DC	550 mV
				902	60..240 VAC/DC	560 mV
						600 mV
						650 mV

To compose the reference, select one option of each column. Example: **PAGA 400 V05**



Output relays	PAGA		DAGA		SAGA	
	AC	10 A / 250 V				
	DC	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V	0,4 A / 200 V 10 A / 24 V
	Inductive load	AC	5 A / 250 V			
	DC	5 A / 24 V				
	Mechanical life	> 30 x 10 <sup>6</sup> 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				
	Voltage between contacts	1000 VAC				
	Voltage coil/contact	5000 VAC				
	Distance coil/contact	10 mm				
	Isolation resistance	> 10 <sup>4</sup> MΩ				

Supply	CA		ACDC	
	PAGA	DAGA - SAGA	PAGA	DAGA - SAGA
	Galvanic isolation	Yes	No	
	Frequency	50 / 60 Hz	-	
	Operating margins	±10% -15%	±10%	
	Positive	-	Terminal 2	
	Protected polarity	-	Sí	

Constructive and environmental data	PAGA		DAGA		SAGA	
	Voltage phase-neutral	300 V	300 V	300 V	300 V	300 V
	Oversupply category	III	III	III	III	III
	Rated impulse voltage	4 kV	4 kV	4 kV	4 kV	4 kV
	Pollution degree	2	3	3	3	3
	Protection	IP 20 B	IP 20	IP 20	IP 20	IP 20
	Approximate weight	250 g	280 g	280 g	280 g	280 g
	Storage temperature	-50°C +85°C	-50°C +85°C	-50°C +85°C	-50°C +85°C	-50°C +85°C
	Operating temperature	-20°C +50°C	-20°C +50°C	-20°C +50°C	-20°C +50°C	-20°C +50°C
	Humidity	30~85% HR	30~85% HR	30~85% HR	30~85% HR	30~85% HR
	Housing	Cyclooy - Light grey	Cyclooy - Light grey	Cyclooy - Light grey	Cyclooy - Light grey	Cyclooy - Light grey
	Socket	Lexan - Light grey	-	-	-	-
	Leds cover	Lexan - Transparent	Lexan - Transparent	Lexan - Transparent	Lexan - Transparent	Lexan - Transparent
	Button, terminal block, clip	Technyl - Dark blue	Technyl - Dark blue	Technyl - Dark blue	Technyl - Dark blue	Technyl - Dark blue
	Pins of the socket	Nickel-plated brass	-	-	-	-
	Pins of the terminal block	-	Brass	Brass	Brass	Brass
	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	PAGA		DAGA		SAGA	
	35	77	35	98	52,5	66
	91,5	21	91,5	81	91,5	81
	68		68		45	8*

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