Alarm option *red-y compact 2 series*

The new *red-y compact 2 series* is available with an alarm function module.
The models GCS (*red-y compact 2 switch*) and GCA (*red-y compact 2 all-in*) provide 3 configurable alarm relays. The following triggers are available: High alarm, low alarm, window alarm and totalizer alarm.
The alarm module can be retrofitted on existing *red-y compact 2 meters* & *regulators*.
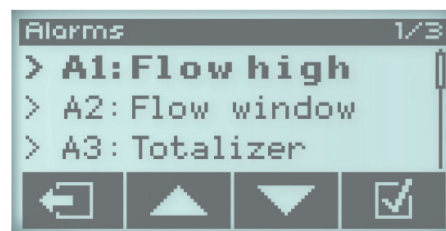

Features:

- » 3 alarm contacts
  (relays that can switch up to 1 amp, 30 Vdc)
- » 2 optical isolated input channels
  (to optionally reset an alarm remotely)
- » Every alarm contact separately settable as high, low, window or totalizer alarm
- » Hysteresis, delay and alarm duration time all customer configurable
- » Built-in 8…30 Vdc power supply, polyfuse protected
- » 2 meter fly lead cable included
- » All variables adjustable locally through touch screen

Pin assignements

		Pin	Color	Assignment
Power		1	red	PWR+
		2	black	PWR-
Input 2		3	white	IN2
Input 1		4	brown	IN1
Input GND		5	green	IN.GND
Alarm 3		6	yellow	OUT3.NO
		7	grey	OUT3.NC
		8	pink	OUT3.COM
Alarm 2		9	blue	OUT2.A
		10	violet	OUT2.B
Alarm 1		11	grey-pink	OUT1.A
		12	red-blue	OUT1.B

Modification kit for GCM/GCR (SN > 300000):

Replacement of battery or power module with alarm module / cable length 2.0 m
Article-N° 328-2190

Alarm settings
All variables adjustable locally through touch screen

Functions

Logic functions	High alarm, low alarm, window alarm, totalizer alarm
Reset functions	Auto, manual, external input 1/input 2

Power input

Voltage supply range	8...30 Vdc (power supply hereafter refered to as the 24 Vdc power supply)
Max. current	300 mA
Protection input	Polyfuse (trip current > 500 mA) and reverse polarity protected

Switch ratings switch 1 + 2 (SPST hard contact) / switch 3 (SPDT contact)

Maximum voltage	30 Vdc
Relais lifetime	> 5 million cycles
Maximum current	Switch 1 + 2 (SPST hard contact): 0.5 A / Switch 3 (SPDT contact): 1 A

Inputs 1 + 2 (opto-couplers)

Voltage range (polarity sensitive)	5…30 Vdc (@ 5 mA max.)
Min. recommended pulse width	100 msec (sample interval 20 msec)

Find detailed information in the *red-y compact 2 series* operating instructions

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