

RedyCompact™

The new RedyCompact series is available with an alarm function module. The models GCS (RedyCompact switch) and GCA (RedyCompact 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 RedyCompact 2 meters & regulators



Features:

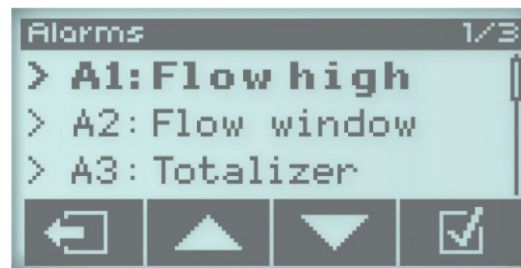
- 3 alarm contacts (relays that can switch up to 1 amp, 30 Vdc)
- 2 optical isolated input channels (to optionally reset an alarm remotely)
- Every alarm contact separately settable as high, low, window or totalizer alarm
- Hysteresis, delay and alarm duration time all customer configurable
- Built-in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

Pin Assignments

	Pin	Color	Assignment
Power	1	red	PWR+
	2	black	PWR+
Input 2	3	white	IN2
Input1	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 referred 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): 1A
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



www.sierrainstruments.com

CONTACT SIERRA

5 Harris Court, Building L / Monterey, CA 93940 / USA
USA: +1 831.373.0200
Europe: +31.72.5071400
China: +8621 5879 8522
Email: techsupport@sierrainstruments.com or info@sierrainstruments.com
For global locations, visit: sierrainstruments.com/locations
www.sierrainstruments.com