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

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