Coldroom Door Open Alarm

Features

- Reduce energy consumption in accordance with Cold Chain Federation energy benchmarking
- 2 time ranges 0 to 30 minutes or 0 to 10 minutes
- 2 independent door switch inputs
- Suitable for normally open or normally closed door switches & PNP inductive proximity switches
- Door input status and alarm LEDs
- Relay output on door open or alarm
- High/Low alarm intensity setting
- Ingress Protection rating: IP65
- Mains powered: 85-264 Vac
- Low power consumption
- Optional Yellow or Blue illuminated sounder (factory set)

The GB Controls Door Open Alarm is designed to alert staff if a coldroom door is left open.

When a coldroom door is opened, cold air escapes and is replaced by warmer more humid air. This influx of warm air means the refrigeration system has to work harder to bring the temperature back down to the desired level. Prolonged opening also risks temperature rise in the coldroom which could result in product spoilage.

Specifications

Physical

Dimensions:	122mm wide x 120mm high x 63mm deep
Material:	ABS, PC (UV stabilised) Light Grey RAL7035
Ingress Protection:	IP65 to EN 60529
Environment:	Operating Temperature: 0°C to 40°C

Supply

Supply Voltage:	85 – 264 Vac / 47 – 63Hz
AC Current (typical at 230V):	20 mA

Inputs

Switched Input Voltage/Current	12V dc / 10mA
Maximum cable length	30 metres

Relay Output

Nominal Switching Capacity (resistive):	2A@250Vac / 1A@30Vdc
Maximum Switching Power:	500VA / 30W
Minimum Switching Capacity:	100mA@5Vdc

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GB Controls Ltd
39A Churchill Way | Lomeshaye Business Park | Nelson | Lancashire | BB9 6RT | UK
Registered in England No. 01873877

T | +44 (0) 1282 871 187
E | sales@gbcontrols.co.uk
W | www.gbcontrols.co.uk