

TRAPPED PERSON ALARM FOR COLD ROOMS.

GLACIÄR SAFEGUARD Trapped Person Alarm is designed to enhance personnel safety in refrigerated cold rooms. Beyond trapped person protection, the platform provides advanced monitoring functions.

IP65

Modbus



KEY FEATURES

- Dedicated trapped person emergency alarm
- Supports cold room safety requirements of EN378
- Operating in refrigerated cold rooms between 0°C & +5°C
- High-visibility visual indication and 90 dB audible alarm
- Relay output for integration with external alarms
- 10h battery back-up option
- Illuminated emergency push button
- Compatible via RS485 or digital input

GAS DETECTION INTEGRATION

GLACIÄR SAFEGUARD can directly interface with compatible refrigerant gas detectors via RS485 Modbus communication such as the GLACIÄR MIDI. GLACIÄR SAFEGUARD complement refrigerant gas detection systems by extending protection from gas leak monitoring to trapped person safety and cold room condition monitoring, enabling a more complete refrigeration safety offering.



Trapped person alarm



Push button

COMBINE WITH
GLACIÄR MIDI



TECHNICAL DATA

Feature	Specification
Supply Voltage	230 VAC ±10%
Alarm Sounder	90 dB(A)
Relay Output	10 A potential-free relay
Communication	RS485 / Modbus RTU
Temperature Input	NTC probe (-50°C to +99°C)
Maximum Push Button Distance	250 m
Control Unit Protection	IP65
Push Button Protection	IP67
Ambient Humidity	0-95% RH (non-condensing)
Control Unit Operating Temperature	0°C to +60°C

PRODUCT LIBRARY

Model	Details	Order Code
GLACIÄR Safeguard	Person Trapped Alarm + Push button	6105-0001
GLACIÄR Safeguard B	Person Trapped Alarm + Push button + battery (10h)	6105-0002
GLACIÄR Safeguard Push Button	Push Button for Person Trapped Alarm	6105-0003
GLACIÄR Safeguard Push Button Protection	Stainless Steel Protection for Push Button	6105-0004

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