FREDDOX
PERSON IN ROOM
SAFETY SYSTEM
FDXMR1

The Freddox Person in Room alarm kit is a safety system to allow a person trapped inside a room to activate an acoustic/luminous alarm located outside and so request help.

Its installation is highly recommended for any negative applications >10m3, but its wide range of operating temperature made it a must have safety device.

The system can operate even in the event of a temporary mains power failure thanks to a buffer battery enabling up to 14h extra safety, and its wide range of operation temperature enable its use in most of the safety case.

The alarm module is also equipped with an auxiliary SPDT contact that can also be used to inhibit the refrigeration production, or activate other remote devices such as a warning dialler for remote alarm activation.

Conforms to international standards EN 378-1, RoHS and is CE / UKCA approved.

Features

- Wide operating temperature range -25 ^{o}C to +70 ^{o}C.
- Emergency pushbutton lit by LED lights for easier location in the dark.
- Up to 14 Hour battery back-up.
- 95 dB Siren (1m) with visual flashing RED light.
- Auxiliary contact to activate other devices like additional siren or remote warning dialler.
- Enabling up to x 10 in room emergency buttons for multiple room applications.
- IP65 Rating (In room module).

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Freddox Person in Cold Room Alarm Kit

MODEL	FREDDOX FDXMR1
BRIC CODE	**4401-5TLAPE03FR**
POWER SUPPLY	
Voltag	230 Vac 50/60Hz
Max Power Consumption (on mains)	20 mA
Buffer Battery	12V DC Ni-MH 1300mAh
Buffer Battery Run Time	Approximately 14 Hours
Buffer Battery Recharge Time	Approximately 110 Hours
OUT-OF-ROOM MODULE	
Operating Temprature	-5 to 45°C
Protection Rating	IP 43
Visual Warning	Red Flashing LED 12Vdc
Auxilliary Warning	8A AC1 (Contact closes when alarm is switching ON)
Acoustic Characteristics	Type: Piezoelectric
	Sound Power: 95 dB at 1m
IN-ROOM EMERGENCY PUSH BUTTON MODULE	
Operating Temperature	-25 to 70°C
Protection Rating	IP 65
Lighting	Red LED, 12 V DC
Contact	NC

Out-of-Room Module Dimensions

193
203
79

Visual / Acoustic Alarm Control Unit
(to be fitted outside the cold room)

Emergency

230 Vac

FDXMR1
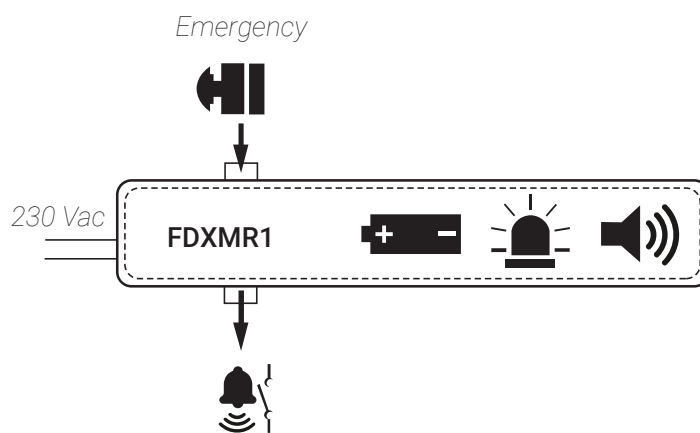
In-Room Module Dimensions

100
75
100
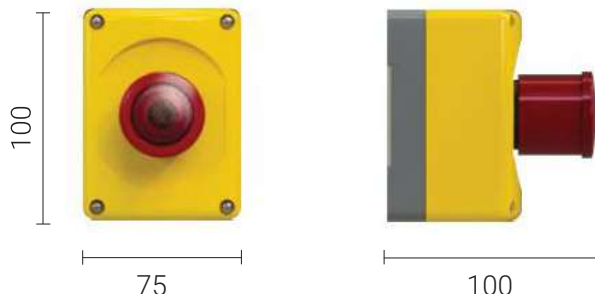
Manufacturer reserves the right to change any product specifications without notice.: BeijerRefAB_ColdRoomAlarmKit_Freddox_24_EN

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