Emergency call alarm system according to DIN EN 378-1 for Cold Stores with "Wake On LAN Function"

The emergency call alarm system of Klöpper-Therm has been designed to improve the safety of your employees in cold stores and to call for help immediately in case of emergency. With the emergency alarm system of Klöpper-Therm, entrapped / injured persons become noticeable and additionally a networked PC starts to report the alarm via the "Wake on LAN function". Alternatively it is possible to display other technical alarms such as a temperature rise in the store, doors unclosed, water alarm or inactive ventilation. Other applications on request.

Technical Details/Features:

► central device with LAN connection for "Wake On LAN" function
► operation with independent power supply by battery alarm duration of 10 hours
► up to 4 trigger points can be connected, as personal alarm and / or technical alarm
► additional technical alarm, e.g. in case of power failure
► visual alarm via LED-signal on the central unit
► siren 12 V ~ 103 dBA
► LED-signals for alarms with position indicator
► customized alarm messages to any PC with an IP address
► flashlight for visual alarm message (optional)

Operation:

The personal emergency call is triggered via an illuminated mushroom type push button, the call is transferred to the central unit, activating a siren and / or an optional flashlight. Via the LAN connection installed with "Wake On LAN function", a networked PC of your choice is started and gives the specific alarm. The power is supplied by the central unit disposing of an integrated battery. Thus, the function of the emergency alarm system is guaranteed even during a power failure.

The personal alarm can be cleared only by unlocking the mushroom type push button and resetting at the device itself.

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Technical data

Main unit

Rated voltage:	230 V AC / 50 Hz
Battery:	NiMH, 12 V DC, 2400 mAh
Ambient temperature:	0 ˚C to +55 ˚C
Type of protection:	IP 54

Alarm duration in case of mains failure with fully charged storage battery and 4 buttons, including 4 LED lamps, the siren, and the flashing light (not included in delivery): about 10 hours

Sirens

Voltage range:	9 - 15 V und 18 - 28 V DC
Output:	103 dB(A) at DIN sound
Ambient temperature:	-25 ˚C to +70 ˚C
Type of protection:	IP 65

Palm buttons

Foot and large hand switch with mushroom button, self-locking, resettable by pulling, tamper-proof according to ISO 13850/EN 418, with illuminated indicator

Ambient temperature:	-30 ˚C to +40 ˚C
Supply voltage:	12 V
Type of protection:	IP 67

Illuminated indicator

With LED lamp, red

Supply voltage:	9-60 V
Ambient temperature:	-10 ˚C to +55 ˚C
Type of protection:	IP 21 C

Emergency stop button

self-locking, resettable by pulling, tamper-proof according to ISO 13850/EN 418, with illuminated indicator

Supply voltage:	12 V
Ambient temperature:	-30 ˚C to +70 ˚C
Type of protection:	IP 66/IP 67

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