

SPECIFICATIONS



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5HL-630 HELPY COMPACT-Q

DESCRIPTION

Elevator alarm system with built-in speaker unit designed for wall-mounting inside the elevator car

IMAGE



MAIN FEATURES

Emergency alarm call management and periodical test in compliance with EN 81-28:2018

Management of 24 programmable phone numbers to be freely associated with different alarm sources and called parties

Four call-forwarding modes: to a remote telephone or to a call center with manual-call management, to a call center with P100 or Esse-ti protocol, to a call center with CLI management

Technological alarms: low battery / built-in speaker unit diagnostic / auxiliary alarm / end of alarm / pushbutton connection failure / AL2 activation / AL2 deactivation / IN1 activation / IN1 deactivation / battery charge restore notification / alarm start notification / timer

Local or remote test of every type of alarm

Missed test call notification in the car as per EN 81-28:2018 standard

Low battery signalling: via device status LED

Event's log with timestamp on internal memory or on micro SD card

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Local programming modes: [telephone \(DTMF tones\)](#) / [micro SD card](#) / [computer \(via USB-serial cable and software *e-start*\)](#)

Remote programming modes: [telephone \(DTMF tones\)](#) / [via software compliant with the EPT protocol \(DTMF tones\)](#)

Programmable handsfree connection mode

Programmable alarm reset mode

Telephone line presence check

Electronic management of speaker unit's volume

[Multi-link](#) function to connect up 9 alarm systems over one telephone line

[Relay contact](#) function management (same behavior as output AI or AR / door opener / active as long as the emergency alarm progresses / active as long as the buttons are pressed / active with no telephone line / active with low battery)

[Clock](#) management

POWER SUPPLY FEATURES

Power supply: [10 VDC min.](#), [30 VDC max.](#)

Absorption in idle state: [95 mA](#)

Absorption alarm conversation mode: [195 mA](#)

Self-restorable fuse on power supply input

Internal voltages: [+1,8 V](#) , [+3,3 V](#) , [+5 V](#)

PROTOCOLS

Service center protocols: [P100](#), [Esse-ti](#)

Other protocols upon request

DATA TRANSMISSION AND SIGNALLING SYSTEM

Type of dialing over external line: [DTMF](#)

[DTMF generator](#)

External line tone recognition: [90 countries](#)

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VOICE MESSAGES

Pre-recorded languages: 9 (Italian / English / German / French / Polish / Portuguese / Spanish / Russian / Czech)

Pre-recorded voice messages: 30 minutes, restorable

Messages that support the programming

Alarm messages

Elevator identification message: customizable (max. 25 s)

Courtesy message for the car: multi-language, customizable (max. 25 s)

Messages customization: via computer (via USB-serial cable and software *e-stant*) / via micro SD card

TELEPHONE TERMINATIONS

Connection to public telephone network or universal gateway: terminal block

Output for domestic telephone line: terminal block

Local telephone input for programming and communication with the car: terminal block

Built-in speaker unit

Connectable passive speaker units: 2 (max. distance 6 m with shielded cable)

Auxiliary microphone inputs: 2, terminal blocks (for single microphone or for microphone of passive speaker unit)

Auxiliary loudspeaker outputs: 1, terminal block (for max. 2 single loudspeakers or 2 loudspeakers of passive speaker unit)

SPOX connectors for passive speaker units connection: 2, optional

CONNECTIONS

Local telephone – External telephone line

Local telephone – Speaker unit

External telephone line – Speaker unit

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INPUTS / OUTPUTS

Emergency-call pushbutton

Given alarm indicator light

Received alarm indicator light

Reset pushbutton

Alarm inputs: 1

Customizable inputs (alarm / auxiliary / reset / filter / gong / counter / bistable): 2

Relay outputs: 1, programmable (max. 250 Vac or 220 Vdc)

Indicator lights outputs (alarm given, alarm received): 2 (NPN / PNP)

LED signalling device status: 1

Serial port for PC connection: 1

Micro SD Card slot

SAFETY SYSTEMS

FLASH memory for data protection under power failure

Double watch-dog system

FIRMWARE UPDATE AND PROGRAMMING PATTERN

Via computer (via USB-serial cable and software *e-stant*) / via micro SD card

OTHERS FEATURES

Dimensions: 147x95x27 mm

Weight: 380 g