

SPECIFICATIONS



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5HL-601 HELPHY COMPACT BASIC

DESCRIPTION

Elevator alarm system with built-in speaker unit

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

Five 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, to a call center with SMS management (with 4G.next)

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](#)

[Test](#) of every type of alarm

[Missed test call](#) notification in the car as per [EN 81-28:2018](#) standard

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Low external battery signalling: via [device status LED](#)

[Event's log](#) with timestamp on internal memory or on micro SD card

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

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

Telephone line tones recognition: [90 countries](#)

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VOICE MESSAGES

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

Connectable long range speaker units: 2 (max. distance 50 m)

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)

Long range microphone inputs: 2, terminal blocks (for microphone of long range speaker unit)

Long range loudspeaker outputs: 1, terminal block (for max. 2 loudspeakers of long range 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

Reset pushbutton: built in

Alarm button: built in

Alarm inputs: 1 (x 3 terminal blocks)

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

Programming keypad: optional

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

Case dimensions: 146x79x21 mm

Case dimensions including LED thickness, pushbuttons and extractable terminal block: 146x92x22 mm

Weight: 234 g

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