

SPECIFICATIONS



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5HE-192 ST56 12V INTL

DESCRIPTION

Elevator alarm system ST56 ready for connection to the GSM200 C module

IMAGE



MAIN FEATURES

Emergency alarm call management and periodical test in compliance with EN81-28:2018

Management of 12 programmable phone numbers to be freely associated with different alarm sources and called parties

Six call-forwarding modes: to a remote telephone or to a call center with manual-call management, to a call center with P100, Ademco or Esse-ti protocol, to a call center with CLI management, to a call center with SMS management (only with GSM200 C)

Technological alarms: low battery / no power supply (only with AL100) / self-diagnostic / remaining SIM credit and expiring SIM credit (only with GSM200 C module), auxiliary

Multi-Sharing function (with GSM200 C): simultaneous notification of the same alarm to different receivers (call and SMS)

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

Low battery signalling via device status LED

Local programming modes: telephone (DTMF tones) / computer via USB-serial cable and software HeControl

Remote programming modes: telephone (DTMF tones) / computer via HeGate modem and software HeControl / SMS (with GSM 200-C)

Programmable handsfree connection mode

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Programmable alarm reset mode

Electronic management of speaker units' volume

Relay contacts function management (same behavior as output AI or AR / active for mains failure / door opener / active as long as the emergency alarm progresses / active as long as the buttons are pressed)

Data transmission with management of the elevator CPU connection for: **alarm sending elevator, speed voice messages in the cabin, elevator remote control.**

Clock management

Event's **log** with timestamp

POWER SUPPLY FEATURES

Power supply: 12 Vdc, 11,5 Vdc min., 14 Vdc max.

Idle state absorption (at 13,8 V): with PSTN line ≤ 50 mA; with GSM200 C ≤ 80 mA

Conversation absorption under alarm (at 13,8V): with PSTN lines ≤ 120 mA; with GSM200 C ≤ 200 mA

Voltages: +3,3 Vdc, +5Vdc

Self-restorable fuse on electrical mains

DATA TRANSMISSION AND SIGNALLING SYSTEM

Built-in Modem v.23: 300-1200 bps FSK

GSM Modem if connected to the GSM200 C module: 9600 bps

Type of dialing over external line: DTMF

Tones generator: 659 Hz, 740 Hz

DTMF generator

Telephone line tones recognition: 16 countries

Handshake tone detector: 1400 Hz, 2300 Hz

Remote programming protocol: **proprietary**

Service center protocol: P100, Ademco Contact ID, Esse-ti

Other protocols upon request

Protected TTL serial line output

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VOICE MESSAGES

Pre-recorded languages: 8 (Italian / English / German / French / Polish / Portuguese / Spanish / Russian)

Pre-recorded voice messages: 17 minutes

Alarm messages

Elevator identification message: customizable (max. 22 s)

Courtesy message for the car: customizable (max. 22 s)

TELEPHONE TERMINATIONS

Connection to public telephone network or universal GSM gateway: terminal block (with PSTN add-on board 5HU-001)

Connection to GSM200 C module: plug RJ45

Local telephone connection: plug RJ11/ terminal block

Connectable active speaker units:: 2

CONNECTIONS

Local telephone – External telephone line

Local telephone – Speaker unit

External telephone line – Speaker unit

INPUTS / OUTPUTS

Reset pushbutton: 1

Alarm inputs: 2

Auxiliary alarm input/gong: 1

Filter input: 1

Relay outputs: 2 (24V 1A) over add-on board 5HR-001, programmable

Outputs (alarm given, alarm received): 2

Signalling LEDs: 2

AL100 power supply input: 1

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SAFETY SYSTEMS

EEPROM memory for data protection under power failure

Built-in battery for clock back-up: NiMH

Double watch-dog system

OTHERS FEATURES

Mounting: plastic DIN rail

Dimensions (DIN rail included): 112x90x50 mm

Weight: 130 g