ROCOM

Integrated emergency phone for cabin top installation

HELPY GSM

DESCRIPTION

Alarm system for installation on the lift car-top, on the elevator' s controllers with DIN rail or wall-mounting

IMAGE

MAIN FEATURES

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

Management of 12 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 SMS or CLI management

Multisharing function for simultaneous notification of the same emergency alarm to different receivers via SMS

Technological alarms: low battery, replace battery, no external power supply, diagnostic, auxiliary alarm, SIM card expiring alarm

Local or remote test of every type of alarm

Event's log with timestamp on internal memory

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

Remote programming modes: telephone (DTMF tones) / SMS (SMS generation via software *e-stant*)

Programmable handsfree connection mode

Programmable alarm reset mode

Telephone line presence check

Electronic management of speaker units' volume

Relay contact 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 / active with no telephone line)

Clock management

SIM card PIN management

Serial connection to elevator CPU (RS-232, RS-485, CAN-bus)

POWER SUPPLY FEATURES

Power supply required: 16 W

Mains voltage: 230 V~ +5% -10%

Self-restorable fuse on electrical mains

Built-in back up battery: NiMH 7,2 V 800 mA

Expected operation time with a new battery in idle state: 20 hours

Expected operation time with a new battery in conversation with remote speaker unit: 4 hours

Expected operation time with a new battery in conversation with built-in speaker unit: 5 hours

Input: 12 Vdc 500 mA

PROTOCOLS

Service center protocols: P100, Esse-ti

Other protocols upon request

VOICE MESSAGES

Available languages: 5 (Italian / English / German / French / Spanish)

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

MOBILE NETWORK

GSM network connection: built in

Module: GSM/GPRS quad-band

Transmission power: 1 W at 1800/1900 MHz, 2 W at 850/900 MHz

Type of dialing over external line: DTMF

TERMINATIONS

Local telephone connection: plug RJ11 / terminal block

Active speaker unit: built in

Output for auxiliary active speaker units: 2

Auxiliary microphone inputs: 2

Auxiliary loudspeaker outputs: 1 (to connect max. 2 passive speaker units or loudspeakers)

CONNECTIONS

Internal line – External telephone line

Internal line – Speaker unit

External telephone line – Speaker unit

INPUTS / OUTPUTS

LED signalling alarm / periodical test call: yellow

LED signalling GSM signal strength: green

LED signalling GSM status: red

LED signalling power supply status: blue

Reset pushbutton: built in

Alarm button: built in

Alarm inputs: 2

Customizable inputs (alarm or auxiliary input): 1

Filter inputs: 1

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

Outputs (alarm given, alarm received): 4 (NPN/PNP)

Micro SD Card slot

SAFETY SYSTEMS

FLASH memory for data protection under power failure

Built-in battery for clock back-up: NiMH

Double watch-dog system

GSM reset

FIRMWARE UPDATE

Remote: OTA (via GPRS)

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

OTHERS FEATURES

Antenna: magnet-base cable with antenna (2 m)

Dimensions: 182 x 123 x 61 mm

Weight: 629 g