Analogic fire alarm control panel

TELEDATA ONE

1 loop expandable to 9 addressable fire alarm control panel

TeledataOne, is the fire alarm control panel of the future, completely made in Italy. First alarm control panel with touch-screen te

TeledataOne allows to use wired devices and wireless device in the same system. TeledataOne records each alarm and fault, t

The export from TeledataOne of diagnostics of devices, central configuration and historical events is very easy with a USB pen

To make the programming even more easy to use there is OneCloud, which represent the new area of commissioning. It empow

HARDWARE features

Addressable fire alarm panel with 32-bit microprocessor

• LCD touchscreen display (480x272 TFT 4.3 ")

• Back light on/off and three settable colors

• 1 addressable loop, expandable up to 9 loops (with   4 One2)configurable as open or closed.

• Digital protocol .

• Frontal LEDs with three settable color: white , blue and green

• each loop supports 240 addressable devices

• Short-cut circuit protection .

• 14 front LED for events

• Silenceable and excludable signaling buzzer

• 1 monitored output for siren or dialer (24Vdc 1A)

• General Output dry contact 1A 30Vdc 120 Vac

• 1 general open collector output

• 1 RS 485 line for perifericals (maximum current value)

• 1 RS 232 and 1 micro USB for programming and remote management

• Ethernet card 10 Mbit / s (Optional PTLAN)

• 56 LED zone (option card ONE 56)

• 1 fire extinguishing canal (optional ONE EXT card)

• redundancy card (optional card ONE RDD)

• Ring Network Card between central (optional ONE RING tab)

• Maximum 14 remote control panels can be connected to the RS485 BUS max 800m distance (ONE KBD)

• With four additional One2 needed supplementary power supply (ONEPW)

• Two 12 V Battery: capacity 17Ah each.

• Automatic test of efficiency batteries and battery disconnection in case of deep discharge

• Auxiliary power output 24 Vdc 500mA with shortcut protection

• Dimensions: 410 x 410 x 120 mm

• Weight: 6,1Kg (without batteries)

• Power supply: 230Vac

• Current absorption: 300mA

• Maximum current external loads: 500mA

• Operating Temperature :0C°/ +50C°

• Maximum current on loop: 500mA

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• 240 addressable devices for one loop

• hybrid systems wired / radio

• 192 programmable zones .

• 192 logic functions

• more than 1000 events reported into archive

• Internal clock

• Auto programming analog devices on loop

• Auto addressing analog devices on loop*

• Mapping analog devices on the loop .

• Ring connection with other stations using a fault tolerant network

• Multilingual management

• Customizable with personal logo,

• Management of detectors and analog modules of different types :

- Managed Thermal and optical detectors in the sema loop

- Input modules

- Output Modules

- Buttons addressed

- Analogue Addressable Sirens multiprotocol

• Colorful LED selectable

• Programmable locally or remotely by dedicated software

• Multi - Protocol Teledata and Apollo

• MODBUS TCPIP/MODBUS RTU protocol over IP (TCP option card MCGTWMDB)

• Certified Product Standards EN54-2 and EN54-4

• CE Marking (EMC low-voltage directive)

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