

GMCU1610SD-FM

CONTROL UNIT

event management and recording: faults and/or alarms.

FM APPROVED Certified



Management up to:

5 independent lines

16 programmable inputs

5+10 programmable outputs

Complete with:

- power supply 24Vdc - 3A code *GMAL3SWM-FM* + metal enclosure, painted RAL 3000 having dimensions 410 mm x 410 mm x 150 mm code *GMCT2MS*
- 4 levels of passwords to access the configuration [3 users + 1 technician]
- 500 memory positions with date and time
- Backlit display, 128 x 64 pixels.
- Power: 90-260Vac
- Battery and power supply check
- Continuous electricity check
- Extinguishing group management, code *GMEXG-P-02*: water temperature and pressure, solenoid valve coil, ball valve position sensor
- Temperature management with visualization of the value [°C] of one [1] temperature probe code *GMSTV001D-EX-FM*
- Dust management with visualization of the value [mg/m³] of one [1] triboelectric probe code *GMTRBxxxD-EX-FM*
- **Protection: IP54**

Complete with autotest software for managing test lamps [code *GMTEST4-EX-FM* and *GMTEST5D-FM*] and **power supply with additional terminal blocks for connections** [code *GMAL3SWM-FM*]

No backup batteries No Ethernet card



INPUTS:

16 input lines (zones) for sensors *GMSC243TH-EX* and *GMSC245D-FM*.

Line balancing using 4700-ohm resistors (4K7ohm)

LCD backlit display 128 x 64 pixels

- 1 green LED for network indication.
- 1 yellow LED for anomalies.
- 1 red LED for blocked inputs.
- 1 blue LED for operation and other functions.

Commands set using membrane keyboard (16 keys)

Memory for 512 events with date, time, and type of event

Internal buzzer for event notifications

OUTPUTS:

- 5 relay outputs with close on referred negative, 5A 30Vdc, to activate the solenoid valve with coil integrity control.
- 3 relay outputs with close on referred negative, 5A 30Vdc, for test lamp, siren, and flashing.
- 1 relay output, 5A 30Vdc, for sirens with polarity inversion.
- 1 relay output with a SINGLE DEVIATOR SWITCH, 5A 30Vdc, for general ALARMS.
- 5 relay SWITCH outputs, 5A 30Vdc, for general use with NO contact.

POWER:

input from power supply *GMAL3SWM-FM*

output calibrated to 26Vdc, 3.0A

Response time: < 15 ms (Electronic)

Absorbed power: Max.: 65W

Operating temperature: -5°C - +45°C

with enclosures (*GMCT2MS*, *GMCT6MS*, *GMCT21MS*)



Control unit panel

ACCESSORIES:

(necessary for FM APPROVED certification)



BACKUP BATTERY (2 pcs)

GMBT72A: from 12Vdc - **7.2Ah**

EXAMPLE OF CONTROL UNIT COMPOSITION:

GMCU1610SD-FM



CONTROL UNIT
PANEL (front)
GMCU1610SD-FM/S



POWER SUPPLY
GMAL3SWM-FM



CONTROL UNIT
PANEL (back)
GMCU1610SD-FM/S



SERIAL DATA
LINES



ETHERNET CARD
USB (optional)
GM-ETH-BT-1610-FM

2 PCS:
GMBT72A
(necessary for
FM APPROVED
certification).

