

GMCU1610SD/ST



CONTROL UNIT

event management and recording: faults and/or alarms.

Management up to:

5 independent lines

16 programmable inputs

5+10 programmable outputs

Complete with:

- power supply 24Vdc - 3A code GMAL3SWM + 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: 90-260 VAC
- Battery and power supply check
- Continuous electricity check
- Extinguishing group unit management, code GMEXG-P-02: water temperature and pressure, solenoid valve coil, ball valve position sensor
- Steel cap
- **Protection: IP54**

Complete autotest software for managing test lamps [code: all versions]

No backup batteries included

INPUTS:

16 input lines (zones) for detectors GMSC243TH-EX, GMSC245D-FM, GMFD005-EX, GMFD005D.

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 500 events with date, time and type of event

Internal buzzer for event notifications

OUTPUTS:

- 5 relay outputs with close on referred negative, 5A 30Vdc, for solenoid valve activation with coil integrity control.
- 3 relay outputs with close on referred negative, 5A 30Vdc, for test lamp, siren and flashing.
- 1 relay output, 5A 30 Vdc, 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

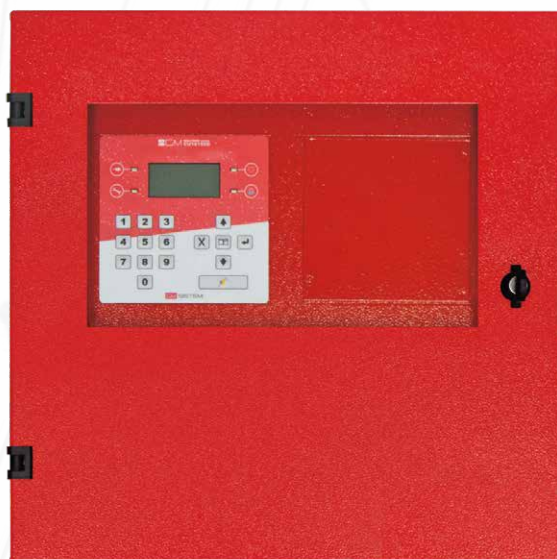
output calibrated to 26Vdc, 3.0A

Response time: < 15ms (Electronic)

Absorbed power: Max.: 65W

Working temperature: -5°C - +45°C

with enclosures (GMCT2MS, GMCT6MS, GMCT21MS)



Control unit panel

ACCESSORIES:



STEEL CAP
GMTC4



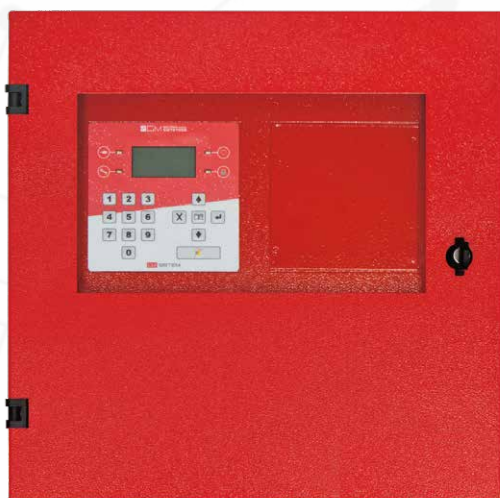
BACKUP BATTERY

GMBT21A: from 12Vdc - **2.1Ah**

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

EXAMPLE OF CONTROL UNIT COMPOSITION:

GMCU1610SD/ST



CONTROL UNIT
PANEL (front)
GMCU1610SD/S



POWER SUPPLY (included)
GMAL3SWM



SERIAL DATA
LINES



STEEL
CAP
(included)
GMTC4

CONTROL UNIT
PANEL (back)
GMCU1610SD/S



POWER SUPPLY WITH
TERMINAL BLOCK (optional)
GMAL3SWM-T



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