

# GMCU1610SD-2D/ST



## CONTROL UNIT

event management and recording: faults and/or alarms.

### Management up to:

- 2** independent lines
- 8** programmable inputs
- 2+7** programmable outputs

### Complete with:

- power supply 24Vdc - 1.5A code *GMAL15SWM* + 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*
- Steel cap
- **Protection: IP54**

**NO autotest software for managing tests lamp included** [code: all versions]

**NO backup batteries included**

### INPUTS:

8 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:

- 2 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.
- 2 relay SWITCH outputs, 5A 30Vdc, for general use with NO contact.

### POWER:

input from power supply *GMAL15SWM*

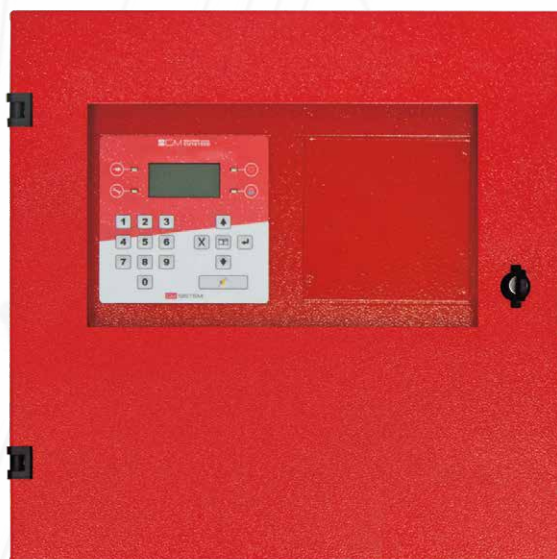
output calibrated to 26Vdc, 1.5A

**Response time:** < 15 ms (Electronic)

**Absorbed power:** Max.: 65W

**Working temperature:** -5°C - +45°C

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



Control unit panel

### ACCESSORIES:



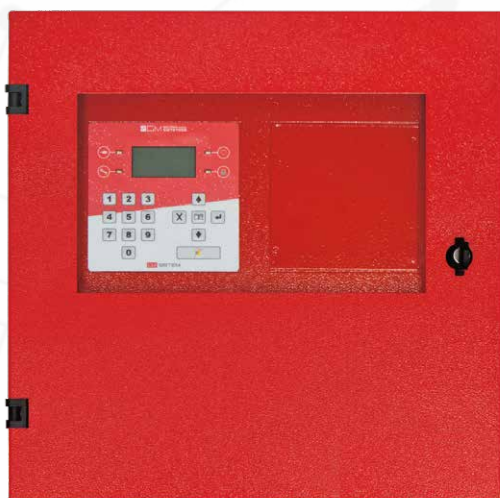
### BACKUP BATTERY

**GMGT21A:** from 12Vdc - **2.1Ah**

**GMGT72A:** from 12Vdc - **7.2Ah**

## EXAMPLE OF CONTROL UNIT COMPOSITION

### GMCU1610SD-2D/ST



**CONTROL UNIT  
PANEL (front)  
GMCU1610SD-2D/S**



**POWER SUPPLY (included)  
GMAL15SWM**



**SERIAL DATA  
LINES**



**STEEL CAP  
(included)  
GMTC4**

**CONTROL UNIT  
PANEL (back)  
GMCU1610SD-2D/S**



**POWER SUPPLY WITH  
TERMINAL BLOCK (optional)  
GMAL15SWM-T**



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