## Fire Prevention: CONTROL UNIT

# 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 Protection: IP54

#### Complete autotest software for managing test lamps [code: all versions] No backup batteries

### **INPUTS:**

16 input lines (zones) for detectors 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, 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 **Operating temperature:** -5°C - +45°C with enclosures (GMCT2MS, GMCT6MS)



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Control unit panel

#### ACCESSORIES:



## **BACKUP BATTERY**

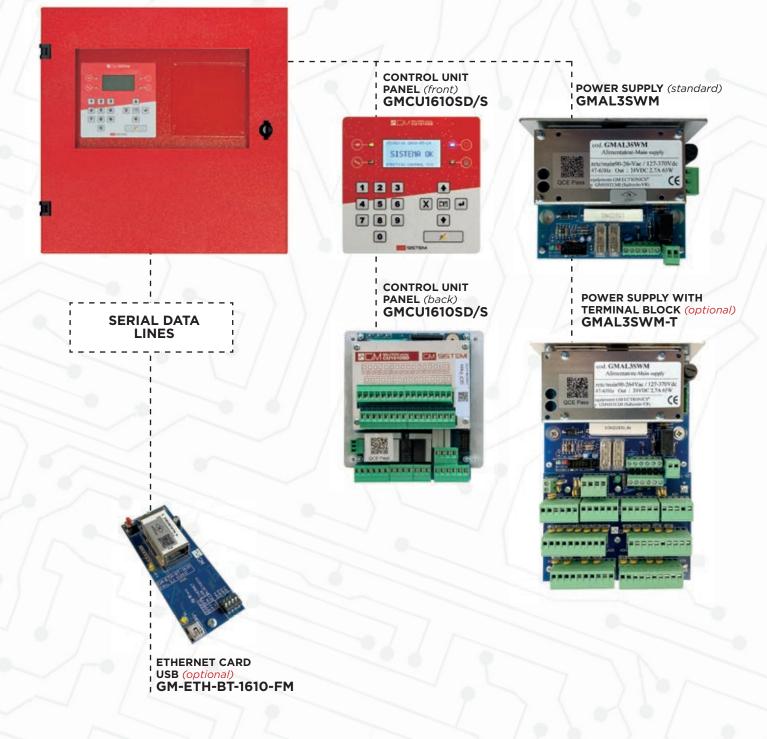
GMBT21A: from 12Vdc - 2.1Ah GMBT72A: from 12Vdc - 7.2Ah

The Technical and Commercial offices are at full disposal for any other inquiry.

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## **EXAMPLE OF CONTROL UNIT COMPOSITION:**

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