GMCU1610SD/ST

CE

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

Control unit panel

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*)

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.

EXAMPLE OF CONTROL UNIT COMPOSITION:

GMCU1610SD/ST

SERIAL DATA LINES

CONTROL UNIT PANEL *(front)*
GMCU1610SD/S

POWER SUPPLY *(standard)*
GMAL3SWM

CONTROL UNIT PANEL *(back)*
GMCU1610SD/S

POWER SUPPLY WITH TERMINAL BLOCK *(optional)*
GMAL3SWM-T

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

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