

# COMPALARM

## PROGRAMMABLE ALARM ANNUNCIATOR

# E

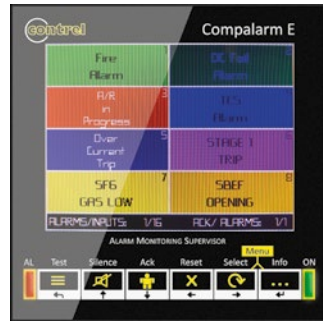
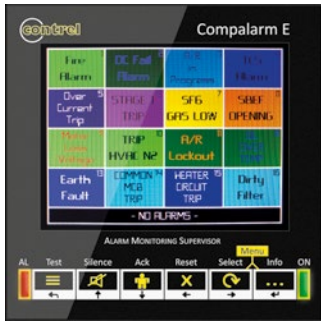


The **Compalarm E** provides the ideal solution to all your alarm system requirements. Whatever the size or complexity of your alarm scheme the **Compalarm E** can be configured to provide the best solution. With its LCD color display, a setting of windows sizes, the alarm text and color, the alarm sequence setting will be available to match your exact requirements. Each individually alarm way is fully programmable from the front, using the device menu. This allows the user to select many different features giving a lot of possible combinations. A relay outputs are included as standard to connect to external equipment and individual repeat relays or communications can be supplied as an option.

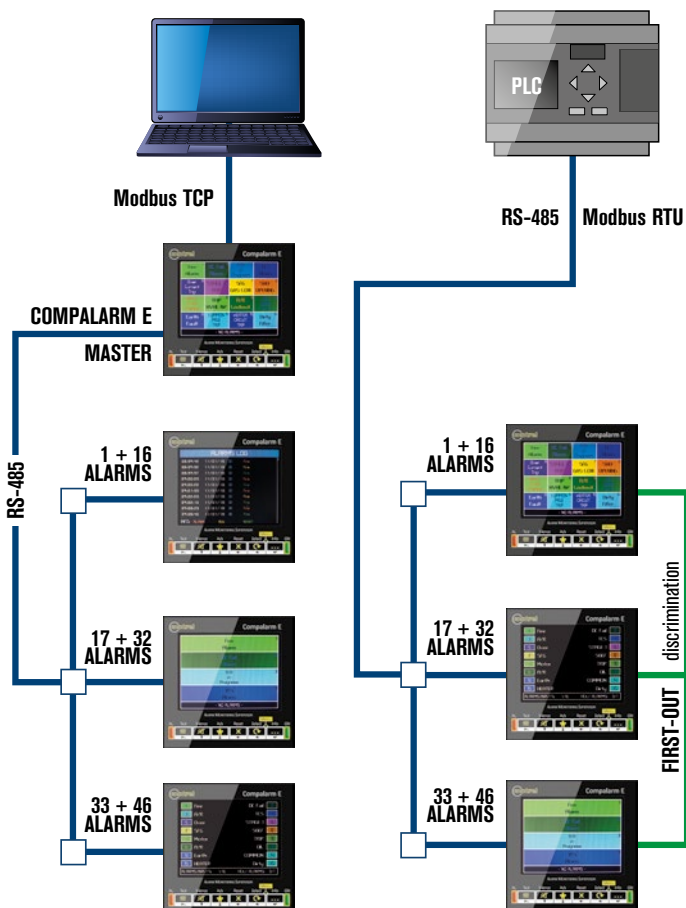
MAKE ANY SYSTEM SIZE UNIT  
GRAPHIC LCD COLOR DISPLAY  
EACH CHANNEL PROGRAMMABLE FROM THE FRONT  
ALARM DETECTION TIME 20 ms  
REPEAT COMMON RELAYS  
PROGRAMMABLE OUTPUTS  
RS485 COMMUNICATION PORT (MODBUS-RTU)  
ETHERNET COMMUNICATION (MODBUS-TCP)  
EVENT LOG

**control** elettronica

## SYSTEM CONFIGURATION Windows size & Layout



## CONNECTION WIRING



## DESCRIPTION

- **Modular construction from 1 to 256 alarm channels** (16 channels for each device)
- **Graphic 3.5" LCD color display**
- **Keyboard with 6 keys for alarms viewing and setting**
- **Programmable outputs**
- **Each channel programmable from the front**
- **16 groups with programmable behavior**
- **Internal power supply is available for alarm channels**
- **RS485 communication port (Modbus RTU)**
- **RJ45 ethernet module (Modbus TCP)**
- **Internal 10 audio tone generator**
- **Repeat common relays**
- **Alarm sequences** (A, F1A, F2A, F3A, M, M5, F1M, F2M, F3M, R8 or custom sequence)
- **First-out discrimination**
- **Alarm detection time min 20ms**
- **Programming remote pushbuttons (ACK, RESET, MUTE)**
- **Key for system test (display, first-out, horn, outputs)**
- **Event log**

## FEATURES

**MODULAR** - A feature of Compalarm E allows unit to be make any alarm system size to suit the individual customer's requirements. Units can be programmable from a single alarm channel to a maximum of 256 channels with a choice of window sizes from the front.

**FULLY FIELD PROGRAMMABLE** - The user may select from a vast range of different operating functions and alarm sequences including the standard sequences defined in the ISA specifications. All programmed information is stored in memory giving repeatability, total reliability and requiring no battery backup.

**SERVICE FROM THE FRONT** - All normal operations and maintenance is carried out from the front of the unit. This includes text alarm changes and all programming.

**AUTO-MUTE, AUTO-ACKNOWLEDGE AND AUTO-RESET** - It's a frequent requirement of alarm systems to have an automatic mute or even automatic acknowledge after a certain time delay. This is another programmable feature supplied as standard on all units.

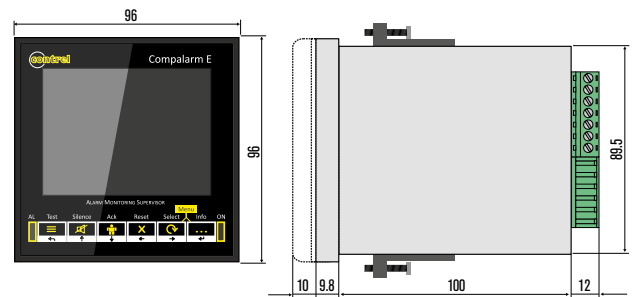
**EXPANDABILITY** - Each annunciator can be expanded using a cable to link additional units. Systems consisting of multiple annunciators can be daisy chained together to form larger systems with common features. All functions are linked through all system.

**EVENT LOG** - The Compalarm E can store a list of events, that can be useful to the user in order to detect anomalies and/or keep track of the plant behavior. Every events are stored with relative time stamp taken from the real-time clock of built in the module. The memory can store the last 512 events. When the memory is full, the user can choose to stop the recording (STOP mode) or to continue overwriting the oldest records (LOOP mode). This function would provide historical data indicating the time and date inputs occur and return to normal.

## OPTIONS

<b>MRR</b>	<b>8 relais output board</b>
<b>M16IN</b>	<b>16 inputs board</b>

## DIMENSIONS - mm



ISO 9001:2008  
9105-C035



**CONTREL elettronica s.r.l.** - Via San Fereolo 9, 26900 LODI  
Tel. +39 0371 30207 - Fax +39 0371 32819 - e-mail: contrel@contrel.eu



WEB INFO  
www.contrel.it