

GENERAL

Main Features

The alarm system **COMPALARM C** has been designed with the purpose of reducing to minimum extent its overall dimensions, but maintaining all the characteristics of **COMPALARM A**.

For this reason, the 6 alarms system, has been housed in a DIN 96x96-mm enclosure and available in different versions as:

- For ISA1 sequences **COMPALARM C1,**
- for ISA2C sequences **COMPALARM C2,**
- with mechanical signal **COMPALARM CM.**

COMPALARM C is fitted with LED's at the front of the device, for the optical signalling, whilst for the acoustic signalling there is an output relay available.

There is also available an output relay, for remote control of system in alarm.

This system is capable of receiving any signal, arriving from external potential free contacts, either normally open (NO) or normally close (NC). The selection is made through dipswitches, placed on the PCB and easily reachable by one side of the relay.

Operation

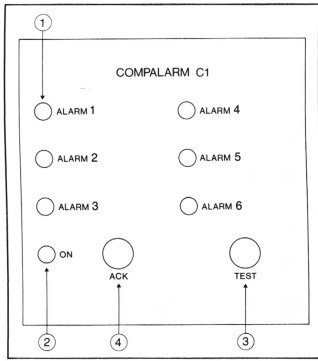
When there is a change of position at any of the input contacts, due to an incoming anomaly, **COMPALARM C** switches from rest position to that of alarm. The corresponding LED, of the parameter in alarm, starts flashing, the siren relay is excited, so as the relay for the remote control of the cumulative alarm signals.

By pressing on the acknowledging pushbutton, the LED remains with a fixed light, the siren relay will then be de-energised and the remote control relay will remain excited, if alarm condition persists. Otherwise the LED turns off and all relays will be de-energised if alarm was of impulsive type and it has therefore disappeared, in the meantime. Provided that it is COMPALARM C1, with sequence ISA1 therefore.

In case of COMPALARM C2, with ISA2C sequence, the fixed LED light and the remote control relay remain excited, after the acknowledgement, even if it was due to an impulsive alarm. The reset has to be done with its corresponding push button.

ELECTRICAL CHARACTERISTICS

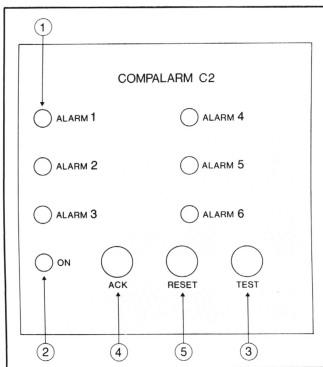
Auxiliary voltage supply	24-48-110-230-400 V c.a.
Self-consumption	5 VA
Alarm sequence	ISA1
Input contact	N.O. or N.C. Selectable by a dipswitch
Output with 2 relays: Acoustic signalling relay Remote control relay	Power capacity of contact 5A Commuting voltage 400V c.a. Commuting power 1100VA
Auxiliary voltage signal	Green LED
Alarm optical signal	Red LED
Acoustic signal	With internal buzzer or with change-over relay for remote repetition
Push button for test of sequence	Built in
Pulsador de silenciado	Built in
Working temperature	-10°C ÷ + 60°C
Storing temperature	-20°C ÷ + 80°C
Relative humidity	90%
Isolation test	2kV 60 sec.



C1

DESCRIPTION

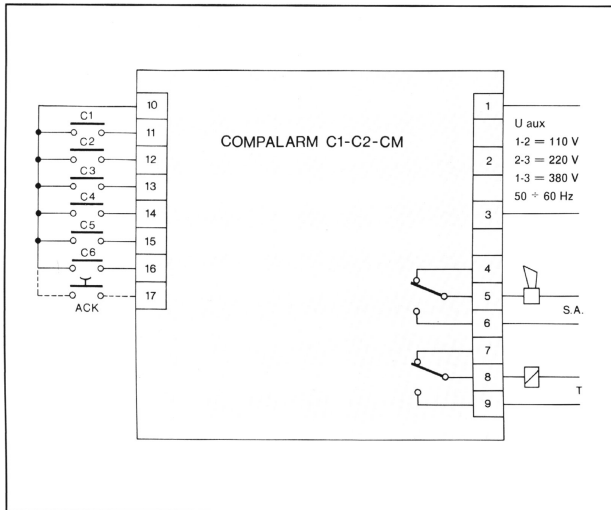
- 1- Avery signalisation by (red) LED
- 2- Auxiliary voltage supply signalisation (green) LED
- 3- Push button for test of alarm sequence
- 4- Push button for acknowledging



C2

- 1- Avery signalisation by (red) LED
- 2- Auxiliary voltage supply signalisation (green) LED
- 3- Push button for test of alarm sequence
- 4- Push button for acknowledging
- 5- Push button for resetting

WIRING DIAGRAM



- C1÷C6 Input alarm contacts
- S.A. Acoustic signal
- T. Remote control relay
- ACK Remote acknowledgement (only for CM)

DIMENSIONS

