

GENERAL

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:

COMPALARM C1 for ISA1 sequence

COMPALARM C2 for ISA2C sequence

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

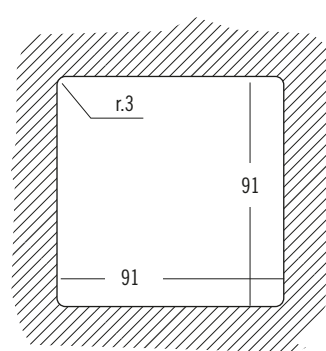
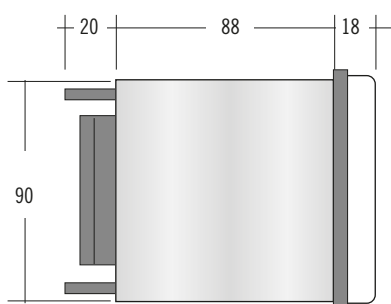
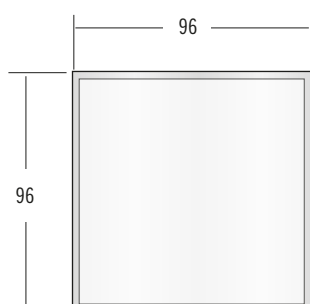
When there is a change of position at any of the input contacts, due to an incoming anomaly, **COMPALARM C1** switches from rest position to that of alarm. The corresponding LED, of the parameter in alarm, starts flashing, the siren relay is excited, so as the relay for the remote control of the cumulative 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.

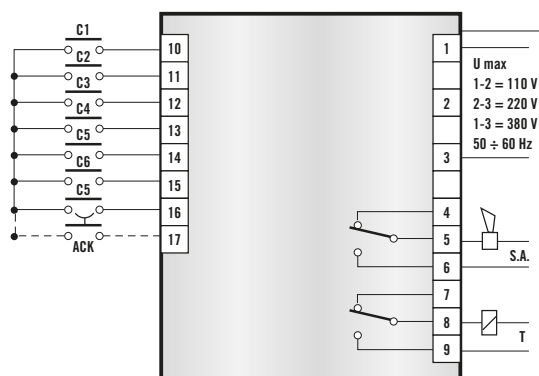
DIMENSIONS



CARATTERISTICHE ELETTRICHE

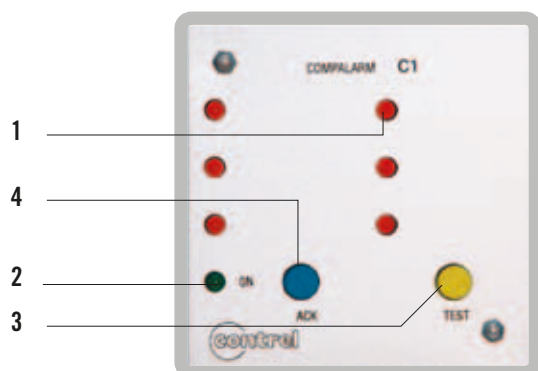
Auxiliary power supply	110-230-400Va.c. or 24-48 Va.c./d.c. (optional)
Self-consumption	5 VA
Input contact	NO or NC selectable
Output with 2 relays:	Acoustic signal relay Remote control relay
	Power capacity 5VA Commuting voltage 400Va.c. Max. commuting power with resistive load 1100VA
Auxiliary voltage signal	Green LED
Alarm signal	Red LED
Push button for test	Built in
Push button for acknowledgement	Built in
Push button for reset	Built in (only for COMPALARM C2)
Working temperature	-10°C ÷ + 60°C
Storing temperature	-20°C ÷ + 80°C
Relative Humidity	90%
Isolation test	2KV for 60 sec

SCHEMA INSERZIONE

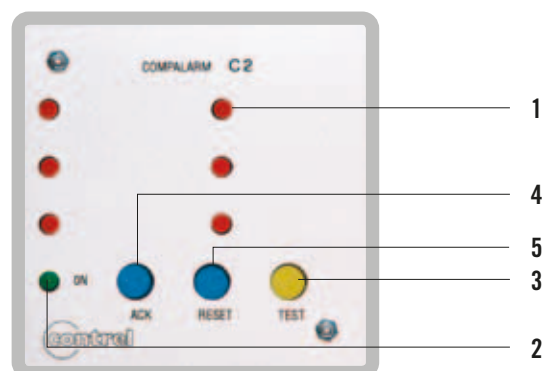
COMPALARM
C1-C2

C1 ÷ C6	Alarm input contacts
S.A.	Acoustic signal
T	Remote control relay
ACK	Remote acknowledgement

LEGENDA



C1	1	Alarm signalization (red ED)
	2	Auxiliary voltage supply signalization (green LED)
	3	Push button for test of alarm sequence
	4	Push button for acknowledging



C2	1	Alarm signalisation (red ED)
	2	Auxiliary voltage supply signalisation (green LED)
	3	Push button for test of alarm sequence
	4	Push button for acknowledging
	5	Push button for reset