

*Camerano, November 2011*

## *Certificate of Conformity*

### **ALARM CABLES**

We, **ELAN s.r.l.**, **CERTIFY** that the cables marked with:

#### **ELAN A.F. CEI 20-22 III – CEI 36762 C-4 (U<sub>0</sub>=400V)**

are manufactured in accordance with the following Standards:

CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22III (IEC 60332; BSEN 50265); CEI 36762  
Directive 2002/95/CE (RoHS)

#### MANUFACTURING TECHNICAL FEATURES

##### **1. UNIPOLAR WIRES:**

- a.** The unipolar wires (0,50 – 0,75 – 1,00 – 1,50 - Ø 8/10) which are the feeding conductors are insulated in PVC type R2.  
They pass the test of voltage according to CEI 20-20 standard: 5 minutes with 2000 V. in dry current without any crack of insulation covering.
- b.** The unipolar wires (0.22) which are the signal conductors are insulated in PVC type R2.  
They pass the test of voltage according to CEI 20-20 standard: 5 minutes with 1000 V. in dry current without any crack of insulation covering.

##### **2. SHIELDING:**

The shielding is made of:

- Coupled ribbon of aluminium/polyester foil 9/12 microns.
- Drainage wire in tinned copper braid conductor
- Polyester ribbon 12 micron thick, placed on joined cables according to CEI 46-5 standard.

##### **3. JACKET:**

The jacket in various colours white, blue, red and grey is made of flexible PVC type RZ and flame retardant according to CEI 20/22-III (IEC 60332;BSEN 50265) Standard.

Alarm cables marked as C-4 (U<sub>0</sub>=400V) owing to their technical characteristics and the positive results obtained by passing the tests and can be installed with electrical power cables marked both 450/750V, and 0,6/1 Kv according to CEI UNEL 36762.

*Elan Srl*