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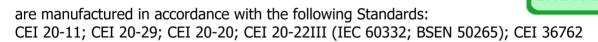
Camerano, March 2014

# Certificate of Conformity

## **ALARM CABLES SHIELDED DOUBLE JACKET**

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)



### MANUFACTURING TECHNICAL FEATURES

#### 1. UNIPOLAR WIRES:

- a. The unipolar wires (0.50 0.75 1.00 1.50 0.8/10) 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:

Double jacket in white and blue colours 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 ( $U_0$ =400V) owing to their technical characteristics and the positive results obtained by passing the tests, can be installed with electrical power cables marked both 450/750V, and 0,6/1 Kv according to CEI UNEL 36762 and can be used in outdoor applications.

Elan Irl













FIRE RETARDANT CON C.