

*Camerano, March 2014*

## *Certificate of Conformity*

### **CABLES FOR OUTDOOR BARRIERS 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)**

are manufactured in accordance with the following Standards

CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22/III (IEC 60332); CEI 36762



#### MANUFACTURING TECHNICAL FEATURES

### **1. Unipolar wires:**

- a. The unipolar wires ( 0,75 – 1,00) which are the feeding conductors are insulated in **PVC** (R2 type CEI 20-11). 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 flexible PVC ( type RZ CEI 20-11) blue colour and flame retardant to CEI 20 22/III ( IEC 60332-3).

Cables marked as C-4 (U<sub>0</sub>=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 Srl*



CANALE INTERRATO /  
BURIED TROUGH



TUBO INTERRATO /  
BURIED DUCT



INTERRATO CON  
PROTEZIONE /  
BURIED WITH  
PROTECTION



ESTERNO /  
OUTDOOR



FIRE RETARDANT



CON CAVI Elett.  
WITH POWER CABLES