

Camerano, March 2014

Certificate of Conformity

TWISTED SIGNAL CABLES DOUBLE JACKET

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

ELAN A.F. CEI 20-22 III – CEI 36762 C-4 (U₀=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

MANUFACTURING TECHNICAL FEATURES

1. UNIPOLAR WIRES:

- a. The unipolar wires (0,50 – 0,75 – 1,50) which are the feeding conductors are insulated in **PVC** type R2. The unipolar wires (0,50 – 1,00) which are in the twisted pairs are insulated in **PVC low capacitance**. They all 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 in the twisted pairs are insulated in **PVC low capacitance** 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 (U₀=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