

Camerano, March 2014

Certificate of Conformity

ALARM CABLES WITH LSZH JACKET

We, ELAN SRL, **CERTIFY** that the cables marked with:

"ELAN - GUAINA IN LSZH – CEI 20/22 III – CEI 36762 C-4 (U₀=400V) – CE < Production date >"

are manufactured in accordance with the following requirements:

CEI 20-11; CEI 20-29; CEI 20-20; CEI 20-22 III (IEC 60332-3; BSEN 50265);
CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268); CEI 36762



MANUFACTURING TECHNICAL FEATURES

1. UNIPOLAR WIRES:

- a. Unipolar wires (0,50 – 0,75) which are the feeding conductors are insulated in **PVC R2** type. 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. 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 conductors.
- Polyester ribbon 12 micron thick placed on joined cables according to CEI 46-5 standard.

3. JACKET:

The jacket in green **LSZH** compound (M1 type according CEI 20-11 standards) is fire retardant according to CEI 20-22/III Standards and with low smoke and zero halogen according CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268) Standards.

Alarm cables marked as C-4 (U₀=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

