

Camerano, March 2014

Certificate of Conformity

ALARM CABLES TWISTED LSZH

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

"ELAN - LSZH - CEI 20-22 II – CEI 20-37 – 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
Directive 2002/95/CE (RoHS)



MANUFACTURING TECHNICAL FEATURES

1. UNIPOLAR WIRES:

Unipolar wires (0,50 – 1,00 – 1,50) are insulated in **LSZH** compound (M9 type) with low smoke and zero halogen according CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268) Standards. 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.

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 red or 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.

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 and can be used in outdoor applications.

Elan Srl



CANALE INTERRATO /
BURIED TROUGH



TUBO INTERRATO /
BURIED DUCT



INTERRATO CON
PROTEZIONE /
BURIED WITH
PROTECTION



LOW SMOKE
EMISSION



HALOGEN FREE



ESTERNO /
OUTDOOR



FIRE RETARDANT



CON CAVI Elett.
WITH POWER CABLES