

*Camerano, April 2021*

## *Certificate of Conformity*

### **LSZH CEI 20-37 KNX**

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

**""ELAN – KNX LSZH – 24407(1)(5) – 2x2x0.8 – Cca – s1a, d0, a1 - CEI 20-22 III – CEI 20-37 – CEI 36762 C-4 (U<sub>0</sub>=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. WIRES:**

Rigid wires 0,8 are insulated in XLPE compound 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 (U<sub>0</sub>=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 installed in outdoor pipes and/or conduits.

*Elan Srl*

