

Camerano, April 2024

Certificate of Conformity

ELANFIRE EVAC EN50200

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

“ELANFIRE EVAC “code” - “sect.” FTS29OM16 100/100V Cca-s1a, d0, a1 - EN 50200 (PH120) – CEI 20-105 – UNI 9795 – CEI 36762 C-4 (U₀=400) – CE “date”

are manufactured in accordance with the following requirements:

CEI 20-22 III; CEI 20-11; CEI 20-29; (IEC 60332-3; BSEN 50265);

CEI 20-36 (IEC 60331; BS 6387 CWZ; EN50200);

CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268)

CEI UNEL 36762: CEI 20-105V2: UNI 9795



MANUFACTURING TECHNICAL FEATURES

1. UNIPOLAR WIRES:

Unipolar wires (1,50 – 2,50) are insulated in glass/mica fire resistant tape and LSZH crosslinked E29 compound. They have good resistance to low and high temperatures and they are fire resistant according to CEI 20-36; IEC 60331; BS 6387; EN50200 (PH120).

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. JACKET:

The jacket is in purple **LSZH** compound (M1 type according to CEI 20-11) and it is fire retardant according to CEI 20-22/III (IEC 60332-3; BSEN 50265) Standards and with low smoke and zero halogen according CEI 20-37 (IEC 60754; IEC 61034; BSEN 50267; BSEN 50268).

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.

Cristina Andreoni
Amm. Delegata
Elan Srl

