



# Technical specification

## Trunking **07** in **U23X**

### Description

#### Use

- For machinery supply in indoor installations.

### Product characteristics

- Insulating raw material: U23X (See raw material's technical data).
- Base: Not perforated.
- Length: 2 m.
- Colour: Grey RAL 7030.
- RoHS Compliant: Conformity <sup>(1)</sup>

### Quality Marks <sup>(2)</sup>



File number E 75725 (M)



GOST  
R 50827:2009  
Part 1 a 5  
license  
nº: POGC RU.1  
1AK01.H00065

### Approvals <sup>(2)</sup>



File number LR 86975



Trunkings. Type approval  
certificate nº  
2536H/05116/H0/BV



Type approval certificate  
94687-94HH

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### Characteristics

#### EN 50085-2-1:2006 + A1:2011

Minimum transport and storage temperature	-45°C
Minimum installation and application temperature	-25°C
Maximum application temperature	+60°C
Resistance to flame propagation	Non-flame propagator
Electrical features	Without electrical continuity.
Electrical insulating	With electrical insulation.
Degree of protection provided by enclosure	IP30
Retention of the system access cover	Cover removable without the aid of a tool.
Electrically protective separation	Without divider.
Intended installation positions	Montaje superficial en la pared.
Prevention of contact with liquids	Not applicable
Type	Type 1
Rated voltage	750 V
Protection against mechanical damage	IK04

#### EN 60695-2-11:2001

Glow-wire test	Severity degree: 960°C.
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### Compulsory regulations

#### EUROPEAN DIRECTIVE 2014/35/EU

CE marking	Conformity with standard EN 50085-2-1:2006 + EN 50085-2-1/A1:2011
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### Characteristics of U23X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%.
- Phthalate contents according to ASTM D2124-99:2004: <0,01%.
- Dielectric strength according to EN 60243-1:2013: 18±5 kV/mm.  
Test sample thickness 2,5 mm.
- Reaction to fire according to UNE 201010:2015: Classification: M1.
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94: V0.
- L.O.I. Oxygen index according to EN ISO 4589:1999 + A1:2006: (Concentration %) = 52±5.
- Coefficient of linear expansion: 0,07 mm/°C m. <sup>(3)</sup>
- Behaviour to chemicals exposure: DIN 8061 and ISO/TR 10358 standards indicate the performance of rigid PVC in front of a series of chemical products depending on its concentration and temperature. (see results with exposure to chemicals in [www.unex.net/Chemical\\_agents.pdf](http://www.unex.net/Chemical_agents.pdf)). <sup>(3)</sup>
- UL Approval: UL File E317944 (only extrusion formula, grey and blue colour).

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### Notes

1. See updated information of each part number on [www.unex.net](http://www.unex.net)
2. Except for new part numbers, which are under process of obtaining quality marks and approvals. See updated information of each part number on [www.unex.net](http://www.unex.net)
3. All features marked are based on random tests of the material in the manufacture of our products. However, they only reflect the values accepted by the raw material manufacturers, which are provided only as information and guidance.

\* Unex aparellaje eléctrico, S.L. reserve the right to modify any characteristics of the products manufactured. This document is an uncontrolled copy and will not be updated if its content changes.

31/1/2019