



Technical specification

Trunking **31** in **U23X**

Description

Use

- Plain base trunking with involving cover, for surface mounting, conduction and neat finishings of air conditioning split systems.
- Indoor and outdoor applications. Good behaviour against UV.

Design

- Rectilinear design that integrates with the construction elements.
- Robust fittings system and rigidity of base and cover that prevents deformations, giving a neat finishing to the installation.
- Colour: White RAL 9010
- Colour homogeneity between the trunking and the fittings.
- Paintable, so it can be integrated into the environment.

Installation

- Pressure mounting of cover and fittings, removable only with the aid of a tool.
- The fittings are designed with a bending radius suitable for the laying of the pipes; the cuts of the lid are perfectly covered.
- Two assembly systems to choose from. Detachable strip to facilitate aligning the sections and absorbing the wall unevenness or single base plate with fast assembly; no need to alter or cut the base in order to install it.
- The pipes and cables can be fastened individually inside the same base with the possibility of choosing the most suitable cable tie in every occasion.
- The cover is film protected to ensure that the product is kept in perfect conditions during the transport and installation.

Assembly instructions

- To achieve the characteristics defined in this document, the installation must be carried out in accordance with the assembly instructions provided in the main product's packaging.

Quality Marks ⁽¹⁾



GOST
R 50827-2009
Part 1 a 5
licence
nº: POCC RU.1
1AK01.H00065

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Characteristics of Trunking system

RAW MATERIAL

| | |
|--------------------------|--|
| Trunkings | U23X. (See technical data for raw material). |
| Fittings and accessories | U24X. (See technical data for raw material). |

APPLICATIONS

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| Applications ⁽²⁾ | Trunking system for indoor-outdoor installations. |
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SILICONE CONTENTS

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|---------------|--------|
| Silicone free | <0,01% |
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DIRECTIVE 2011/65/EU

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| RoHS Compliant | Compliant. |
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EN 50085-2-1:2006 + A1:2011 EUROPEAN CABLE TRUNKING STANDARD

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|---|---|
| Products affected | Covers, strip bases detachable strips and finishing elements. |
| Minimum storage and transport temperature | -45°C |
| Minimum installation and application temperature | -5°C |
| Maximum application temperature | +60°C |
| Resistance against mechanical impacts during mounting and use | 0,5 J at -5°C |
| Resistance to flame propagation | Non-flame propagation. |
| Electrical continuity characteristic | Without electrical continuity characteristic. |
| Electrical insulating characteristic | With electrical insulating characteristic. |
| Protection degree assured by the enclosure | IP2X. |
| Retention of the system access cover | Cover removable only with the aid of a tool. |
| Electrically protective separation | Without internal protective separation. |
| Intended installation positions | Semi flush or surface mounted on the wall or ceiling. |
| Prevention of contact with liquids | Not declared. |
| Type | Type 2. |



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Characteristics of Trunking system

EN 50085-2-1:2006 + A1:2011 EUROPEAN CABLE TRUNKING STANDARD

| | |
|---------------|-------|
| Rated Voltage | 750 V |
|---------------|-------|

EN 62275: 2015 EUROPEAN CABLE TIE STANDARD

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|--|------------------------|
| Products affected | Single base plates. |
| Material | Non metallic. |
| Mechanical resistance of fixing elements | Type 2 |
| Minimum - maximum service temperature | -40°C - +50°C |
| Minimum installation temperature | -15°C |
| Resistance to flame propagation | Non-flame propagation. |
| Resistance to the UVs | Not declared. |
| Resistance to corrosion | Not declared. |
| Static load | 100 N |

EN 61386-25:2011 EUROPEAN CONDUIT FIXING DEVICE STANDARD

| | |
|--|------------------------|
| Products affected | Cable clamps. |
| Resistance to lateral load | Heavy. |
| Resistance to axial load | None declared. |
| Resistance to impact | Light. |
| Lower temperature range. Transport, application and installation | -25°C |
| Upper temperature range. Application and installation | +60°C |
| Resistance to flame propagation | Non-flame propagating. |

EN 60695-2-11:2001

| | |
|----------------|-------------------------|
| Glow-wire test | Severity degree: 960°C. |
|----------------|-------------------------|

Compulsory regulations

EUROPEAN DIRECTIVE 2014/35/EU

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| CE Marking | Conformity with standard EN 50085-2-1:2006+A1:2011. |
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Trunking **31** in **U23X**

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.

Characteristics of U24X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%. ⁽³⁾
- Phthalate contents according to ASTM D2124-99:2004: <0,01%. ⁽³⁾
- Dielectric strength: Insulating.
- Reaction to fire s/UNE 201010:2015: Classification: M2.
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94: V0.

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Notes

1. 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
2. In outdoor installations or in aggressive chemical environments it is necessary to periodically check the installation. In outdoor assemblies we recommend assembling a continuous base and an angled cable bushing bolted to the wall in the lower part of the trunking in a vertical pathway.
3. Detection limit for the analytical technique applied.

* All information contained herein is completely objective and is the result of a wide experience in satisfying our costumers' requirements . For more details, please contact our technical assistance.

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