



Technical data

Trunking **73** in **U23X**
white colour

Description

Use

- Trunking system for surface distribution of power and data cables on walls and ceilings.
- Easy front mounting of frames for free choice of switches and sockets.
- Multiple compartments to separate and protect cables of different services.
- Suitable for indoor and outdoor use. Over 40 years of experience.
- Suspended installations are also possible.

Installation

- Clip-on mounting system. Removable only with a tool.
- Fittings consist of two pieces. The internal one allows easy measuring of the cover and holds the cables and the external one covers the cut marks of base and cover and assures protection degree IP4X.
- 2 Cable retainers per meter to allow easy cable management are included.
- 3 m length and base perforation every 250 mm for a save time assembly.
- Corner-pieces protect data cables by keeping the right bending radius.
- Protective film preserves the product features during transport and handling.

Design

- Robust and stable trunkings
- Easy and affordable integration by means of:
 1. Simple straight line product.
 2. Colour: White RAL 9010. Trunking and fittings keep the same even colour.
 3. Overpaintable system.

Quality Marks ⁽¹⁾



(2)

EN 50085-2-1:2006 +
A1:2011
Licence: 670613



EN 50085-2-1:2006 +
A1:2011
Licence: 101832



GOST
R 50827:2009
Part 1 to 5
licence
n°: POCC ES
AT19.H01718

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Approvals ⁽¹⁾



Rules for the Classification
of Steel Ships
Type Approval Certificate
n° 05116/G3 BV



Φ3 or 22.0708 N 123-Φ3
ГОСТ Р 53313-2009
С-ЕС.ПБ25.В.03232



NI 52.40.02
Licence: Annex attachment
of suppliers. Trunkings:
30x40, 40x60, 60x90 and
60x110 mm

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

Applications ⁽³⁾	Trunking system for indoor-outdoor installations.
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SILICONE CONTENTS

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

RoHS Compliant ⁽¹⁾	Compliant.
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EN 50085-2-1:2006 + A1:2011

Minimum storage and transport temperature	-45°C
Minimum installation and application temperature	-25°C
Maximum application temperature	+60°C
Resistance against mechanical impacts during mounting and use	<ul style="list-style-type: none"> ▪ Trunkings: 2 J at -25°C ▪ Fittings: 0,5 J at -25°C
Resistance to flame propagation	Non-flame propagation.
Electrical continuity characteristic	Without electrical continuity characteristic.
Electrical insulating characteristic	With electrical insulating characteristic.

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Characteristics of Trunking system

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

Protection degree assured by the enclosure	<ul style="list-style-type: none"> ▪ IP4X. Mounted on the wall or ceiling. ▪ IP2X. Mounted away from the wall or ceiling using fixing devices.
Retention of the system access cover	Cover removable only with the aid of a tool.
Electrically protective separation	With and without internal protective separation.
Intended installation positions	<ul style="list-style-type: none"> ▪ Semi flush or surface mounted on the wall or ceiling. ▪ Mounted away from the wall or ceiling using fixing devices.
Prevention of contact with liquids	Not declared.
Type	Type 2. Type 3.
Rated Voltage	750 V
Protection against mechanical damage	IK08
Fixing for apparatus mounting of socket outlets	Resistance to extraction of 81 N

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+A1:2011.
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Characteristics of U23X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%.
- Phtalate contents according to ASTM D2124-99:2004: <0,01%.
- Dielectric strength according to EN 60243-1:2013: 18±4 kV/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. ⁽⁴⁾
- 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). ⁽⁴⁾
- UL Approval: UL File E317944 (only extrusion formula, grey and blue colour).

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Characteristics of U24X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%. ⁽⁵⁾
- Phthalate contents according to ASTM D2124-99:2004: <0,01%. ⁽⁵⁾
- Dielectric strength: Insulating.
- Reaction to fire s/UNE 201010:2015: Classification: M2.
- Coefficient of linear expansion: 0,07 mm/°C m. ⁽⁴⁾
- 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). ⁽⁴⁾

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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. Approved for the intended installation positions: Semi flush or surface mounted on the wall or ceiling.
3. In outdoor installations or in aggressive chemical environments it is necessary to periodically check the installation. In outdoor installations, a colour change may occur on the raw material, without affecting its mechanical features. In order to absorb expansions caused by temperature changes in outdoor installations, we recommend using metal fittings each 0,5m, leaving 1cm separation between covers and placing end covers at the ends of vertical routings. If painted, dark colored paints might cause further warming of the product once exposed to the sun, in such case we recommend to instal Trunking 73 in U41X / U43X.
4. 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.
5. 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 visit our website.

** Unex aparellaje eléctrico, S.L. reserves 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.

3/1/2017