



Technical data

Mini trunking **78** in **U23X**
white colour

Description

Use

- Trunking of small dimensions with external cover and surface mounting for power distribution and communication cables on walls and ceilings.
- One to three compartments to separate circuits.
- Possibility to mount the most common switches and sockets of the market.

Installation

- External lid and fittings are pressure mounted. Removable only with the aid of a tool.
- Fittings in two pieces which assure a good retention of the cover in any mounting position. The internal one allows easy measuring of the cover and holds the cables and the external one hides the cut marks of the base and cover and assures protection degree IP4X.
- 2m lengths and perforated base with 1 line of Ø4mm drill holes every 200mm for a faster assembly.

Design

- Colour: White RAL 9010.
- Homogeneity of colours between mini trunking, fittings, switches and sockets.
- It can be painted offering a wide range of possible surface treatments and their integration into the environment.

Quality Marks ⁽¹⁾



EN 50085-2-1:2006 +
A1:2011
Licence n°: 670615 -
670616



EN 50085-2-1:2006 +
A1:2011
Licence n°: 101833



GOST
R 50827:2009
Part 1 to 5
licence
n°: POCC ES
AF19.H01718

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Approvals ⁽¹⁾



Rules for the Classification
of Steel Ships
Type Approval Certificate
n° 05116/H0 BV



Φ3 or 22.0708 N 123-Φ3
TOCT P 53313-2009
C-ES.Π625.B.03232

Characteristics of Trunking system

RAW MATERIAL

Mini trunkings	U23X (See technical data for raw material).
Fittings and accessories	U24X (See technical data for raw material).

APPLICATIONS

Applications	Mini trunking system for indoor installations.
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SILICONE CONTENTS

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

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	<ul style="list-style-type: none"> ▪ -5°C ▪ Dimensiones 7x12 y 10x16: +15°C
Maximum application temperature	+60°C
Resistance against mechanical impacts during mounting and use	<ul style="list-style-type: none"> ▪ Trunkings: 2 J at -5°C ▪ 78010-2 and 78021-2: 0,5 J at 15°C ▪ 78022-2 and 78093-2: 1 J at -5°C ▪ Fittings: 0,5 J at -5°C
Resistance to flame propagation	Non-flame propagation.
Electrical continuity characteristic	Without electrical continuity characteristic.

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Characteristics of Trunking system

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

Electrical insulating characteristic	With electrical insulating characteristic.
Protection degree assured by the enclosure	<ul style="list-style-type: none"> ▪ IP4X. ▪ Trunking sizes 7x12 y 10x16: IP3X. ▪ Mounted on the wall or ceiling.
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	Semi flush or surface mounted on the wall or ceiling.
Prevention of contact with liquids	Not declared.
Type	<ul style="list-style-type: none"> ▪ Type 3. ▪ Sizes 7x12 and 10x16: Type 1.
Rated Voltage	750 V
Protection against mechanical damage	<ul style="list-style-type: none"> ▪ IK07 ▪ Sizes 7x12 and 10x16: IK04.
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%.
- Phthalate 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. ⁽²⁾

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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.
- Coefficient of linear expansion: 0,07 mm/°C m. ⁽²⁾

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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. 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.
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 visit our website.

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9/8/2017