



Technical data

Mini trunking **78** in **U41X**
halogen free

Description

Use

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

Installation

- External lid and fittings are pressured 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 covers 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.

Product characteristics

- Raw material: Mini trunkings in U41X. Fittings and accessories in U24X. (See technical data for raw material).
- Applications: Indoor installations.
- Silicone contents: Silicone free (<0,01%).
- RoHS Compliant: Conformity. ⁽¹⁾

Quality Marks ⁽¹⁾



EN 50085-2-1:2006
Licence n° : 583147



GOST R 50827:2009
Part 1 to 5
licence n°: POCC. ES.
A175.H02240



ID.112121-2

Directive 2011/65/EC
Licence n° : ID.112121-2

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Approvals ⁽¹⁾



Rules for the Classification
of Steel Ships
Type Approval Certificate n°
05116/G1 BV



FZ 123-FZ
C-ES.11623.B00077

Characteristics of Trunking system

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

Material	Non metallic.
Minimum storage and transport temperature	-45°C
Minimum installation and application temperature	-25°C
Maximum application temperature	+90°C
Resistance against mechanical impacts during mounting and use	<ul style="list-style-type: none"> ▪ Trunkings: 2 J at -25°C ▪ 78022-42: 1 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.
Protection degree assured by the enclosure	IP4X. 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.
According to the type	<ul style="list-style-type: none"> ▪ Type 3. ▪ Sizes 7x12 and 10x16: Type 1.
Rated Voltage	750 V

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Characteristics of Trunking system

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

Protection against mechanical damage	IK07
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 2006/95/CE

CE Marking	Conformity with standard EN 50085-2-1:2006+EN 50085-2-1/A1:2011.
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Characteristics of U41X raw material

- Base raw material: PC+ABS
- Silicone contents: <0,01% ⁽²⁾
- Phtalate content according to ASTM D2124-99:2004: <0,01% ⁽²⁾
- Halogen contents according to EN 50267-2-1: lower than 0,5% ⁽²⁾
- Dielectric strength according to EN 60243-1:1998: > 20 kV/mm
- Reaction to fire according to NF F 16-101:1998: Class I3 F2
- 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: (Concentration %) ≥34
- Coefficient of linear expansion: 0,07 mm/°C m. ⁽³⁾
- UL Approval: File E317944 (grey colour)

Characteristics of U42X raw material

- Base raw material: PC+ABS
- Silicone contents: <0,01% ⁽²⁾
- Phtalate content according to ASTM D2124-99:2004: <0,01% ⁽²⁾
- Halogen contents according to EN 50267-2-1: lower than 0,5% ⁽²⁾
- Dielectric strength according to EN 60243-1:1998: >20 kV/mm
- Reaction to fire according to NF F 16-101:1998: Class I3 F2
- 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: (Concentration %) ≥34
- Coefficient of linear expansion: 0,07 mm/°C m. ⁽³⁾

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Notes

1. Except for new part numbers, which are under process of obtaining quality marks and approvals.
www.unex.net/QM.pdf

2. Detection limit for the analytical technique applied

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.

* 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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