



Technical data

Trunking **93** in **U41X**
halogen free

Description

Use

- Internal cover designed for mounting of switches and sockets.
- Unex trunkings are designed for mounting on the wall or flush-mounted on brick walls or plasterboard, partitions, wooden linings, etc.
- Fixed compartments, with independent lids and possible sub-divisions with a removable divider that allows to separate and protect the circuits of different services.

Design

- 2m length. Easy transportation.
- Perforated base every 250mm for a faster assembly.
- Colour: White RAL9010.
- The trunking rigidity absorbs the irregularities of the wall.
- Protective film. Ensures that the product remains in perfect conditions during transport and application.

Installation

- Fittings in two pieces offering the possibility to mount the most common switches and sockets assuring a solid fixing.
- Internal lid and fittings are pressured mounted. Removable only with the aid of a tool.
- Possibility to mount corner-pieces which protect the data cables and allow you to keep the right bending radius

Product characteristics

- Raw material: Trunkings in U41X. Fittings and accessories in U42X. (See technical data for raw material).
- Applications: Indoor installations.
- Silicone contents: Silicone free (<0,01%).
- RoHS Compliant: Compliant. ⁽¹⁾

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Quality Marks ⁽¹⁾



EN 50085-2-1:2006
Licence n°: 587655



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



Directive 2002/95/EC
Licence n°: ID 140589

Approvals ⁽¹⁾⁽²⁾



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

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: 5 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 wall.
Retention of the system access cover	Cover removable only with the aid of a tool.

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Characteristics of Trunking system

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

Electrically protective separation	With internal protective separation.
Intended installation positions	<ul style="list-style-type: none"> ■ Flush mounted on the wall. ■ Semi flush or surface mounted on the wall. ■ Wall fixed and supported by a horizontal surface other than the floor.
Prevention of contact with liquids	Not declared.
According to the type	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 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% ⁽³⁾
- Phtalate content according to ASTM D2124-99:2004: <0,01% ⁽³⁾
- Halogen contents according to EN 50267-2-1: lower than 0,5% ⁽³⁾
- 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. ⁽⁴⁾
- UL Approval: File E317944 (grey colour)

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- Silicone contents: <0,01% ⁽³⁾
- Phtalate content according to ASTM D2124-99:2004: <0,01% ⁽³⁾
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- Dielectric strength according to EN 60243-1:1998: >20 kV/mm
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- L.O.I. Oxygen index according to EN ISO 4589:1999: (Concentration %) ≥ 34
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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. See reference list www.unex.net/QM.pdf
3. Detection limit for the analytical technique applied
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.

* 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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