



Technical data

Trunking **93** in aluminium

Description

Use

- Internal lid, for mounting of switches and sockets in environments requiring nice finishing
- Unex trunkings are designed for their mounting on the wall or flush-mounted on brick walls or plasterboard, partitions, wooden linings, etc.
- Fixed division with independent covers and possible sub-divisions with dividers and socket boxes.

Design

- 2m length. Easy transportation.
- Perforated base every 250mm for a faster assembly.
- Colour: Aluminium RAL 9006
- Designed to fit in the most demanding architectural and decorative surroundings.
- 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 of mounting corner-pieces which protect the data cables and allow you to keep the right bending radius.
- Earthing is required.

Characteristics

RAW MATERIAL

Trunkings	Aluminium (See technical data for raw material).
Fittings and accessories	U24X (See technical data for raw material).

APPLICATIONS

Applications	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	-5°C
Maximum application temperature	+60°C
Resistance against mechanical impacts during mounting and use	<ul style="list-style-type: none"> ▪ Trunkings: 5 J at -5°C. ▪ Fittings: 0,5 J at -5°C.
Resistance to flame propagation	Non-flame propagation.
Electrical continuity characteristic	With electrical continuity characteristic.
Electrical insulating characteristic	Without electrical insulating characteristic.
Protection degree assured by the enclosure	<ul style="list-style-type: none"> ▪ IP4X. Mounted on wall. ▪ IP3X. Angled RJ-45 faceplates.
Retention of the system access cover	Cover removable only with the aid of a tool.
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 the floor. ▪ Wall fixed and supported by a horizontal surface other than the floor.
Prevention of contact with liquids	Relying on manufacturer's instructions allowing all installation positions of the CTS and all positions of insulated conductors and live parts in CTS.
Type	Type 3.
Rated Voltage	750 V
Linear impedance	2,82 10 ⁻⁸ Ohm/m
Protection against mechanical damage	IK07
Fixing for apparatus mounting of socket outlets	Resistance to extraction of 81 N

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EN 60695-2-11:2001

Glow-wire test	Severity degree: 960°C.
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Compulsory regulations

EUROPEAN DIRECTIVE 2014/35/CE

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

- Base raw material: Aluminium
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Non-combustible ⁽²⁾
- Coefficient of linear expansion: 0,02 mm/°Cm ⁽²⁾

Characteristics of U24X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%. ⁽³⁾
- Phtalate 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.
www.unex.net/QM.pdf

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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