



## Technical data

Skirting board duct **80** in **U23X**

### Description

#### Use

- For distribution of power and data services and mounting of outlets through skirting boards in housing and buildings.
- Flexible and surface mounted, installations adaptable to future changes of the workstations. Socket boxes can be enlarged according to the requirements.
- Four compartments for all services. The Skirting board duct 80 allows you a simultaneous lay out of all necessary wiring. Offers the possibility to mount the most common switches and sockets assuring a solid fixing.

#### Design

- Compact and plain trunking, with adjusted sizes, to perfectly merge into the surroundings.
- Smoothed design that confer the appearance of a standard skirting board.
- Optimises the space dedicated to conventional decorative skirting boards.
- Colours: Aluminium RAL 9006 and White RAL 9010 able to be painted like the wall or the floor.
- Colour homogeneity between trunkings, fittings and switches and sockets adapters.

#### Installation

- Simplifies the installation's execution, does not cause any constructive waste (cutting slits, noise, dust, dirt) during installation, there are no interferences between implicated associations. Direct mounting on the floor: Thanks to a special design of the base, the covers and the fittings.
- 2m lengths and base perforation every 250mm for a faster assembly.
- Fittings in two pieces which assure a good retention of the cover in any mounting position, holds the cables and the external one covers the cut marks of the base and cover.
- One cable retainer every 0,5m is included in order to retain the cables and to allow independent access to each circuit.
- Protective film. Ensures that the product remains in perfect conditions during transport and application.

# Technical data

## Skirting board duct **80** in **U23X**

### Quality Marks <sup>(1)</sup>



EN 50085-2-1:2006 +  
A1:2011  
Licence n°: 670635



GOST  
R 50827:2009  
Part 1 to 5  
licence  
n°: PCCC ES  
AF19.H01718 (2)

### Approvals <sup>(1)</sup>



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



Φ3 or 22.0708 N 123-Φ3  
ГОСТ Р 53313-2009  
С-ЕС.П625.В.03232

### Characteristics of Trunking system

#### RAW MATERIAL

Skirting board duct	U23X (See technical data for raw material).
Fittings and accessories	U24X (See technical data for raw material).

#### APPLICATIONS

Applications	Indoor installations.
--------------	-----------------------

#### SILICONE CONTENTS

Silicone free	<0,01%
---------------	--------

#### DIRECTIVE 2011/65/EU

RoHS Compliant <sup>(1)</sup>	Compliant.
-------------------------------	------------

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

Minimum storage and transport temperature	-45°C
Minimum installation and application temperature	-5°C

# Technical data

## Skirting board duct **80** in **U23X**

### Characteristics of Trunking system

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

Maximum application temperature	+60°C
Resistance against mechanical impacts during mounting and use	<ul style="list-style-type: none"> <li>▪ Trunkings: 2 J at -5°C</li> <li>▪ Fittings: 0,5 J at -5°C</li> </ul>
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.
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"> <li>▪ Mounted on the wall and with floor support.</li> <li>▪ Mounted on the ceiling and with an horizontal supporting surface not being the ceiling.</li> </ul>
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
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
----------------	------------------------

### Compulsory regulations

#### EUROPEAN DIRECTIVE 2014/35/EU

CE Marking	Conformity with standard EN 50085-2-1:2006+A1:2011.
------------	---

# Technical data

## Skirting board duct **80** in **U23X**

### 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±5 kV/mm.  
Test sample thickness 2,5 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. <sup>(3)</sup>

### Characteristics of U24X raw material

- Base raw material: PVC.
- Silicone contents: <0,01%. <sup>(4)</sup>
- Phthalate contents according to ASTM D2124-99:2004: <0,01%. <sup>(4)</sup>
- Dielectric strength: Insulating.
- Reaction to fire s/UNE 201010:2015: Classification: M2.
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94: V0.
- Coefficient of linear expansion: 0,07 mm/°C m. <sup>(3)</sup>

# Technical data

## Skirting board duct **80** in **U23X**

### 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](http://www.unex.net)
2. Except aluminium color RAL 9006
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.
4. 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.

13/6/2018