



Technical specification

Slotted Trunking **88** in **U43X**
halogen free

Description

Use

- For cable conduction in electrical and communications cabinets

Installation

- Higher safety for the installation assured by the trunking's sturdiness.
- The cover is easy to mount and remove.
- Possibility to cut until their base and the trunking's base for branching. The trunking system does not produce sharp edges at cutting and avoids damage both for equipment and persons.
- Flexible and resistant fingers: easy to cut, they don't break accidentally.

Product characteristics

- Raw material: U43X (Halogen free Thermoplastic Compound). Plastic rivet in U60X. (See raw material's technical data).
- Length: 2 m.
- Colour: Grey RAL 7035.
- RoHS Compliant: Conformity ⁽¹⁾

Quality Marks ⁽²⁾



EN 50085-2-3:2010
Licence n°: 030/001402



EN 50085-2-3:2010
Licence n°: 645744B/M1



EN 50085-2-3:2010
Licence n°: 127979



File number E 75725 (M).
For use of temperatures
not exceeding 80°C.



GOST
R 50927:2009
Part 1 a 5
licence
n°: POCC RU.1
1AK01.H00065

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Approvals ⁽²⁾



File number LR 86975



Trunkings Type approval certificate n° 2536H/05116/H0/BV



Type approval certificate 94687-94HH



Φ3 or 22.07.08 N 123-Φ3
FOCT P 53313-2009
C-ES.A609.B.00636



Iberdrola NI 76.83.01
For cable conduction in electrical and communications cabinets

Characteristics

EN 50085-2-3:2010

| | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minimum transport and storage temperature | -45°C |
| Maximum application temperature | +90°C |
| Resistance to flame propagation | Non-flame propagator. |
| Electrical continuity characteristic | Without electrical continuity characteristic. |
| Electrical insulation characteristic | With electrical insulation characteristic |
| Retention of the system access cover | Cover removable without the aid of a tool. |
| Intended installation positions | <ul style="list-style-type: none"> ■ A- With retainer or cable retainer: mounted on any surface, even with the cover downwards. ■ B- Without cable retainer: mounted vertically or horizontally, except with the cover downwards. |

EN 50085-2-3:2010, DIN 43659 AND NF C 68102

| | |
|--------------------------|------------|
| Fixing holes in the base | Compatible |
|--------------------------|------------|

EN 45545-2:2013

| | |
|---------------------------------------|------------------------------------------|
| Reaction to fire for railway vehicles | Most stringent classification: HL3 – R22 |
|---------------------------------------|------------------------------------------|

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RECOMMENDED CABLE CAPACITIES

| | |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Useful cross-sections | <ul style="list-style-type: none"> ▪ 25.20.88: 322 mm² ▪ 30.30.88: 728 mm² ▪ 40.20.88: 586 mm² ▪ 40.30.88: 940 mm² ▪ 40.40.88: 1460 mm² ▪ 40.60.88: 2112 mm² ▪ 60.30.88: 1387 mm² ▪ 60.40.88: 2137 mm² ▪ 60.60.88: 3092 mm² ▪ 60.80.88: 4225 mm² ▪ 60.120.88: 6380 mm² ▪ 80.30.88: 1865 mm² ▪ 80.40.88: 2874 mm² ▪ 80.60.88: 4128 mm² ▪ 80.80.88: 5630 mm² ▪ 80.100.88: 7177 mm² ▪ 80.120.88: 8572 mm² ▪ 100.40.88: 3585 mm² ▪ 100.60.88: 5179 mm² ▪ 100.80.88: 7110 mm² ▪ 100.100.88: 9000 mm² |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

EN 60695-2-11:2001

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|----------------|-------------------------|
| Glow-wire test | Severity degree: 960°C. |
|----------------|-------------------------|

Compulsory regulations

EUROPEAN DIRECTIVE 2014/35/EU

| | |
|------------|---------------------------------------------|
| CE Marking | Conformity with Standard EN 50085-2-3:2010. |
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Characteristics of U43X raw material

- Base raw material: Halogen free thermoplastic compound
- Silicone contents: <0,01% ⁽³⁾
- Phthalate contents 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 IEC 60243-1:2013: 18±5 kV/mm
Test sample thickness 2,9 mm.
- Classification of the reaction to fire according to NF F 16-101:1988: ≤ 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+A1:2006: 43±2
- Smoke opacity Ds max according to ISO 5659-2
25 kW/m², T10.03 EN 45545-2: < 150
Test sample thickness 2,5 mm
- UL Approval: File E317944

Characteristics of U60X raw material

- Base raw material: Polyamide 6.6 (natural colour and grey RAL 7035 colour)
- Silicone contents: silicone free
- Phthalate contents according to ASTM D2124-99:2004: phthalate free
- Halogen contents acc./EN 50267-2-1: <0,5% ⁽³⁾
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: Degree UL94 V2
- L.O.I. Oxygen index according to EN ISO 4589:1999: ≥29
- UL Approval: File E41938 EM
- Classification acc./ASTM D6779:2003: PA 0111

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Notes

1. See updated information of each part number on www.unex.net
2. 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
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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