Technical specification

Marking system 18

Description

Use

- Adjustable markers and sleeves for indoor and outdoor installations.
- Marker plates and label-holders for indoor installations.

Characteristics of adjustable markers

- Excellent grip on the cable due to their geometrical design.
- Only 3 part numbers for all cable diameters.
- Closed profile and indelible writing.

Characteristics of marker plates

- Indelible writing with marker pen part no. 1751 on both sides. (1)

Product characteristics

- Adjustable markers and sleeves:
  PVC plasticized
  Colour Yellow RAL 1018
  Impression in black
  Directive 2011/65/EU: RoHS Compliant
- Lable-holders:
  PC, insulating material, halogens free
  Colour Transparent
  Directive 2011/65/EU: RoHS Compliant
- Marker plates:
  U60X; insulating material, halogens free
  Colour Natural
  Directive 2011/65/EU: RoHS Compliant

Quality Marks (2)

GOST
R 50827:2009
Part 1 a 5
licence
nº: POCC RU.1
1AK01.H00065

www.unex.net
international@unex.net

Technical specification

Marking system 18

Characteristics

Service temperature	▪ Adjustable markers and sleeves: -40ºC to +60ºC ▪ Label-holders: -40ºC to +125ºC ▪ Marker plates: -40ºC to +85ºC
Installation temperature	Adjustable markerts and sleeves: -40ºC to +60ºC (1853: -5ºC to +60ºC)
Minimum installation temperature	Lable-holder and Marker plates: -40ºC

EN 60695-11-5:2005

Resistance to flame propagation	Non-flame propagation acc./ needle-flamme test method at 30 sec.

Compulsory regulations

EUROPEAN DIRECTIVE 2014/35/EU

CE marking	Conformity with standard EN 60695-11-5:2005, EN 71-1 (paragraph. 4.7 and 4.8, with test sample of 1 mm) and EN 62275 (Label-holders and marker plate)

Characteristics of PVC Plasticized raw material

- Base raw material: PVC plasticized
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: degree UL94 V0

Characteristics of polycarbonate raw material

- Base Raw material: Polycarbonate
- UL flammability tests on plastic materials according to ANSI/UL 94: 1990: degree UL94 V2 (3)
- Behaviour to chemicals exposure: Resistant to the most common:
  - Oils
  - Acids
  - Alcohols
  - Fats
  - Carbon hydrides
  - Saline solutions (neutral or acids) (3)

www.unex.net
international@unex.net

Technical specification

Marking system 18

Characteristics of U60X raw material

- Base raw material: Polyamide 6.6 (natural colour and grey RAL 7035 colour)
- Halogen contents according to EN 50642: 2018: Halogen free
- Silicone contents: silicone free
- Phthalate contents according to ASTM D2124-99:2004: phthalate free
- 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
- Classification acc./ASTM D6779:2003: PA 0111

www.unex.net
international@unex.net

Technical specification

Marking system 18

Notes

1. The resistance of the marking pen ref. 1751 on marker plates can be affected by aggressive environmental conditions.

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. 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 contact our technical assistance.

** Unex aparellaje eléctrico, S.L. reserve 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.

6/9/2019

www.unex.net
international@unex.net