

# LICENCE

No. 20983 replaces No.12159

Issued to:

Applicant:

**General Cable CELCAT**  
**Energia e Telecomunicações S.A.**  
**Av. Marquês de Pombal, 36/38**  
**Morelena**  
**2715-055 PERO PINHEIRO**  
**Portugal**



Licensee:

**General Cable CELCAT**  
**Energia e Telecomunicações S.A.**  
**Av. Marquês de Pombal, 36/38**  
**Morelena**  
**2715-055 PERO PINHEIRO**  
**Portugal**



Product : cables for fixed wiring  
 Trade name(s) : GENERAL CABLE 7  
 Type(s)/model(s) : XVB

The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 1077

SGS CEBEC hereby grants the right to use the CEBEC certification mark

The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on: 01/10/2018

ir. C. Lana,  
 Certification Manager

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 This certificate is only valid combined with the publication on the following web address: [www.sgs.com/ea](http://www.sgs.com/ea)



## SPECIFICATION OF THE CERTIFIED PRODUCT

### Product data

Product	:	cables for fixed wiring
Trade name(s)	:	GENERAL CABLE 7
Type(s)/Model(s)	:	XVB
description	:	cable with copper conductor unarmoured
insulating material	:	XLPE insulated and PVC sheathed
rated voltage Uo/U	:	0.6/1 kV
Fire propagation	:	minimum Cca-s3,d2,a3

### Additional information

Covered number of conductors and cross sections. Round type conductors

1-core : 16 mm<sup>2</sup> to 300 mm<sup>2</sup>  
 2-core: 1.5 mm<sup>2</sup> to 35 mm<sup>2</sup>  
 3 -core: 1.5 mm<sup>2</sup> to 50 mm<sup>2</sup>  
 4-core: 1.5 mm<sup>2</sup> to 50 mm<sup>2</sup>  
 5-core: 1.5 mm<sup>2</sup> to 25 mm<sup>2</sup>

Covered number of conductors and cross sections. Sector type conductors

3 -core: 70 mm<sup>2</sup> to 300 mm<sup>2</sup>  
 4-core: 70 mm<sup>2</sup> to 300 mm<sup>2</sup>

Covered number of conductors and cross sections, cable with one conductor of reduced section. 3x Sector Type + 1x Circular or Sector type conductors

3-core: 70 mm<sup>2</sup> to 300 mm<sup>2</sup> + 1-core: 35 mm<sup>2</sup> to 150 mm<sup>2</sup>

## TESTS

### Test requirements

NBN HD 604:2016

### Test results

The test results are laid down in certification file ref.621256/01

**Remarks**

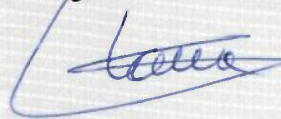
This certificate is based on test report ref. 621256.01a, 621256.01b & 621256.01c

**Conclusion**

The examination proved that all certification requirements were met.

Reviewed by, project leader : Luigi Zanutto - 01/10/2018

Certification Manager :

 2018-10-01

**FACTORY LOCATION(S)**

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Energia e Telecomunicações S.A.  
av. Marquês de Pombal  
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