

CERTIFICATE

Issued to:
Applicant:
B-Cables nv
Industriezone E17/3 nr. 3504Mosten 3
9160 Lokeren, Belgium

Licensee:
B-Cables nv
Industriezone E17/3 nr. 3504Mosten 3
9160 Lokeren, Belgium

Product : Armoured halogenfree cables with cross-linked polyethylene insulation and polyethylene sheath (only for outdoor use). Cables for public lighting.
Trade name(s) : SMARTTRAFFIC
Type(s)/model(s) : EO-YMeKaszH OV

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

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

- a type test according to the standard DEKRA K162-1:2007, DEKRA K162-1:2007/W1:2010, DEKRA K162-2:2007, DEKRA K162-2:2007/W1:2010, DEKRA K162-4:2007 and DEKRA K162-4:2007/W1:2010
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 6058393

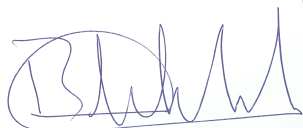
DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 12 October 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-115801

DEKRA Certification B.V.



B.T.M. Holtus
Managing Director



K. Lin
Certification Manager

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ACCREDITED BY THE
DUTCH ACCREDITATION
COUNCIL



SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Product	: Armoured halogenfree cables with cross-linked polyethylene insulation and polyethylene sheath (only for outdoor use). Cables for public lighting.
Trade name(s)	: SMARTTRAFFIC
Type(s)/model(s)	: EO-YMeKasz OV
Rated voltage	: 0,6/1kV
Conductor	: Plain or tinned copper class 1 and class 2
Conductor operating temperature	: 90°C maximum
Insulation	: XLPE compound.
Filler	: Unvulcanized nonhygroscopic halogenfree compound.
Innersheath	: Polyethylene compound.
Armour/protective earth conductor	: A braid of galvanized steel wires in continuous contact with one or more continuous braided conductors of tinned copper wires underneath, or an assembly of round or flat galvanized steel and plain copper wires, surrounded by a counter-helix of galvanized steel tape or plain or tinned copper tape.
Oversheath	: Polyethylene compound.
Tested cables	: EO-YMeKasz XL 24x1,5 mm ² EO-YMeKasz OV 4x25 mm ²
Certified cables	: 3x2,5 mm ² 3x4 mm ² 3x6 mm ² 3x10 mm ² 3x16 mm ² 3x25 mm ² 4x2,5 mm ² 4x4 mm ² 4x6 mm ² 4x10 mm ² 4x16 mm ² 4x25 mm ² 5x2,5 mm ² 5x4 mm ² 5x6 mm ² 5x10 mm ² 5x16 mm ² 5x25 mm ²

TESTS**Test requirements**

DEKRA K162-1:2007
DEKRA K162-1:2007/W1:2010
DEKRA K162-2:2007
DEKRA K162-2:2007/W1:2010
DEKRA K162-4:2007
DEKRA K162-4:2007/W1:2010

Test result

The test results are laid down in DEKRA test file 224690400.

Conclusion

The examination proved that all requirements were met.

Factory location

The factory location is registered with the number 52112.