CERTIFICATE

Issued to:

Applicant:
Prysmian Netherlands B.V.
Schieweg 9
2627 AN Delft
The Netherlands

Manufacturer/Licensee:
Prysmian Netherlands B.V.
Schieweg 9
2627 AN Delft
The Netherlands

Product	:	Halogen free signalling cables with resistance to fire (FB 90)
Trade name	:	DRAKA
Type	:	K 163-302 (signaalkabel mbzh 23..)

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 KEMA 163-1:2008; KEMA 163-2:2008; KEMA 163-3:2008; NEN-EN 50200:2006
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900407

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: 21 May 2015 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2169442.10

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

H.R.M. Barends
Certification Manager

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ACCREDITED BY THE DUTCH ACCREDITATION COUNCIL

PRODUCTS RvA C 001

KEMA KEUR

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	halogen free signalling cables with resistance to fire (FB 90)
trade name	:	DRAKA
types	:	K163-302 (signaalkabel mbzh 23..)
rated voltage	:	50V a.c. / 120V d.c.
conductors	:	plain copper, class 1
insulation	:	XLSr compound
filler	:	polyester tape
fire resistant tape	:	glass tape
screen	:	metallized plastic tape with underneath a solid copper drain wire of 0,8 mm
oversheath	:	halogen free thermoplastic compound of type HFFR
tested cables	:	2320 (20x2x0,8 mm) and 2302.150 (2x2x1,5 mm²)
certified cables	:	2301 (1x2x0,8 mm) / 2302Q (1x4x0,8 mm) 2302 (2x2x0,8 mm) / 2304 (4x2x0,8 mm) 2308 (8x2x0,8 mm) / 2312 (12x2x0,8 mm) 2316 (16x2x0,8 mm) / 2320 (20x2x0,8 mm) 2301.150 (1x2x1,5 mm²) / 2301.250 (1x2x2,5 mm²) 2302.150 (2x2x1,5 mm²) / 2302.250 (2x2x2,5 mm²)
fire resistance classification	:	FB 90

TESTS

Test requirements

KEMA 163-1:2008
KEMA 163-2:2008
KEMA 163-3:2008
NEN-EN 50200:2006

Test result

The test results are laid down in DEKRA test file 2169442.10.

Remarks

This KEMA-KEUR certificate is based on KEMA-KEUR certificate no. 2169442.02.

Conclusion

The examination proved that all test requirements were met.

Tested by : A.A. Mackenbach (SMT)
Checked by : B. Vos

Factory locations
Prysmian Netherlands B.V.
Industrieterrein De Flammert
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The Netherlands

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