



# Declaration of Performance (DoP)



Nr. DoP0005

1. Unique identification code for the product type:  
**See appendix 1 (page 2/3)**
2. Intended use of the construction product:  
**Supply of electricity in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.**
3. Manufacturer:  
**TKF (B.V. Twentsche Kabelfabriek)**  
**Spinnerstraat 15**  
**7481 KJ Haaksbergen**  
**Netherlands**  
**Tel.: +31(0)53 573 22 55**  
**E-mail: info@tkf.eu**  
**www.tkf.eu**
4. System of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V: **System 3**
5. Notified body: **NB 0402**
6. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
Reaction to fire	Dca-s3,d2,a3	EN50575:2014/A1:2016
Dangerous substances	(EC) No 1907/2006 (REACH)	

7. The performance of the product identified is in conformity with the declared performance.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified in this document.

Signed for and on behalf of B.V. Twentsche Kabelfabriek by:

**Alexander van der Lof**  
Managing Director

Haaksbergen, February 28, 2017



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## Appendix 1

Product type	Number of pairs	Conductor diameter [mm]	Conductor cross-section [mm <sup>2</sup> ]
RE-2X(st)Y Dca	1 to 60	0.8 to 2.04	0.5 to 2.5
RE-2X(st)Yv Dca	1 to 60	0.8 to 1.57	0.5 to 1.5
RE-2X(st)YSWBY Dca	1 to 60	0.8 to 2.04	0.5 to 2.5
RE-2X(st)YSWAY Dca	1 to 60	0.8 to 1.57	0.5 to 1.5
RE-2X(st)Y PiMF Dca	2 to 60	0.8 to 2.04	0.5 to 2.5
RE-2X(st)Yv PiMF Dca	2 to 60	0.8 to 1.57	0.5 to 1.5
RE-2X(st)YSWBY PiMF Dca	2 to 60	0.8 to 2.04	0.5 to 2.5
RE-2X(st)YSWAY PiMF Dca	2 to 60	0.8 to 1.57	0.5 to 1.5

Product type	Number of pairs	Conductor diameter [mm]	Conductor cross-section [mm <sup>2</sup> ]
RE-2X(st)Yv Dca	3 to 60	2.04	2.5
RE-2X(st)YSWAY Dca	3 to 60	2.04	2.5
RE-2X(st)Yv PiMF Dca	3 to 60	2.04	2.5
RE-2X(st)YSWAY PiMF Dca	3 to 60	2.04	2.5

Product type	Number of triples	Conductor diameter [mm]	Conductor cross-section [mm <sup>2</sup> ]
RE-2X(st)Y Dca	1 to 40	0.8 to 2.04	0.5 to 2.5
RE-2X(st)Yv Dca	1 to 40	0.8 to 1.57	0.5 to 1.5
RE-2X(st)YSWBY Dca	1 to 40	0.8 to 2.04	0.5 to 2.5
RE-2X(st)YSWAY Dca	1 to 40	0.8 to 1.57	0.5 to 1.5
RE-2X(st)Y TiMF Dca	2 to 40	0.8 to 2.04	0.5 to 2.5
RE-2X(st)Yv TiMF Dca	2 to 40	0.8 to 1.57	0.5 to 1.5
RE-2X(st)YSWBY TiMF Dca	2 to 40	0.8 to 2.04	0.5 to 2.5
RE-2X(st)YSWAY TiMF Dca	2 to 40	0.8 to 1.57	0.5 to 1.5



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**Appendix 1**

Product type	Number of triples	Conductor diameter [mm]	Conductor cross-section [mm <sup>2</sup> ]
RE-2X(st)Yv Dca	3 to 40	2.04	2.5
RE-2X(st)YSWAY Dca	3 to 40	2.04	2.5
RE-2X(st)Yv TiMF Dca	3 to 40	2.04	2.5
RE-2X(st)YSWAY TiMF Dca	3 to 40	2.04	2.5