

Liège, 13<sup>th</sup> March 2017

# CLASSIFICATION REPORT

## RANGE APPROVAL

Nr 993/2017

### FRENCH STANDARD

<b>NF</b> <b>F 16-101</b>	Matériel roulant ferroviaire COMPORTEMENT AU FEU - Choix des matériaux Complétée par STM-S-001 (Indice D, 2014) Calcul de l'Indice de Fumée I.F. et classement Fumée F	Octobre 1988
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1. Tests applied for by: Mr H. Pfeffer for U.I. Lapp GmbH, Schulze-Delitzsch-Str. 25, D-70565 Stuttgart, Germany.

2. Approved range of cables (\*: information given by the sponsor):

\*Reference: UNITRONIC® TRAIN MVB/WTB.

\* Description: Data transmission cables.

Cable marking : LAPP KABEL STUTTGART UNITRONIC TRAIN MVB (or WTB) #x2x## mm<sup>2</sup> (+ #x## mm<sup>2</sup>) EN 50264-1 XM CE *article number*.

Colour : black.

Range of approved sections : described in table p2/2

3. Reference documents :

- Toxicity acc. to NF X 70-100: report ISSeP nr 3968/2015
- Opacity acc. to NF X 10-702: reports ISSeP nr 3460-1 & 3461-1/2016
- Smoke classification acc. to NF F 16-101: reports ISSeP nr 3460-2 & 3461-2/2016
- Flame propagation acc. to NF C 32-070: reports ISSeP nr 3460-3 & 3461-3 /2016
- Flame propagation classification acc. to NF F 16-101: reports ISSeP nr 3460-4 & 3461-4/2016

4. Classification :

*Taking the test results described in the reports quoted in § 3 into account, the cables described in §2 and listed p2/2 belong to categories D for flame propagation and F0 for smoke according to NF F 16-101.*



S. DESMET,  
Test Executive.



Range of approved sections (information given by the sponsor)

Art. nr	Reference
2173000	UNITRONIC® TRAIN MVB 1x2x0.5
2173001	UNITRONIC® TRAIN MVB 1x2x0.5+1x0.5
2173002	UNITRONIC® TRAIN MVB 2x2x0.5
2173003	UNITRONIC® TRAIN MVB 2x2x0.5+4x0.25
2173004	UNITRONIC® TRAIN WTB 1x2x0.75

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