



**Compliance with the requirements of EU directives regarding waste management and the restriction on the use of certain hazardous substances in electrical and electronic equipment.**

**ABB INSTALLATION PRODUCTS EUROPEAN CENTRE S.A.  
8 Boulevard Millénium, B-7110 Houdeng-Goegnies, Belgium**

confirms its compliance with these directives

**(EU) 2015/863 Amending Annex II of Directive 2011/65/EU (RoHS) the restriction of the use of certain hazardous substances in electrical and electronic equipment.**

for the following product/s:

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**Ty Rap® Series High Performance Polyamide 66 Cable Ties for Railway**

**UV Stabilized Black**

TY23MX-RW	7TCG009040R0015
TY232MX-RW	7TCG009040R0014
TY234MX-RW	7TAG009050R0005
TY24MX-RW	7TCG009130R0010
TY242MX-RW	7TCG009130R0011
TY26MX-RW	7TCG009120R0006
TY244MX-RW	7TCG009130R0012
TY25MX-RW	7TCG009210R0085
TY253MX-RW	7TCG009220R0011
TY28MX-RW	7TCG009210R0086
TYB271MX-RW	7TCG009450R0226

TY272MX-RW	7TAG009330R0008
TY277MX-RW	7TAG009340R0003
TY27MX-RW	7TAG009320R0006
TY29MX-RW	7TCG009330R0012

**Flame retardant white**

TY23MFR-RW	7TCG009570R0008
TY232MFR-RW	7TCG009570R0013
TY24MFR-RW	7TCG009570R0009
TY25MFR-RW	7TCG009570R0010
TY28MFR-RW	7TCG009570R0011
TY27MFR-RW	7TCG009570R0012

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Specifically, none of the following substances are used in the manufacture of the company's products in quantities greater than the maximum permitted levels.

As of 31st December 2016 (Under Directive (EU) 2015/863 Amending Annex II of Directive 2011/65/EU

- Bis(2-Ethylhexyl) phthalate (DEHP)
- Benzyl butyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Di-isobutyl phthalate (DIBP)

As of July 1st, 2006

- Lead
  - Mercury
  - Cadmium
  - hexavalent chromium
  - polybrominated biphenyls (PBB)
  - polybrominated diphenyl ethers (PBDE)
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Contact person: Mr. Meirion Buck  
Title: Global R&D Product Manager  
E-mail: [meirion.buck@gb.abb.com](mailto:meirion.buck@gb.abb.com) Telephone: +44 1675 468222

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Signed for and on behalf of: ABB Installation Products SA  
04 December 2020

A handwritten signature in blue ink, appearing to read 'M. Buck', is positioned to the left of the printed name.

Meirion Buck  
Global R&D Product Manager

A handwritten signature in black ink, appearing to read 'Andrea Castella', is positioned to the right of the printed name.

Andrea Castella  
Managing Director  
ELIP Europe and AMA HUB/Region