



**EU Declaration of Conformity**  
**EU-Konformitätserklärung**  
**Déclaration EU de Conformité**  
**Dichiarazione di Conformità UE**

**This declaration of conformity is issued under the sole responsibility of the manufacturer**

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller /  
La présente déclaration de conformité est établie sous la seule responsabilité du fabricant /  
La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante

**ABB**

**8 Boulevard Millénium, B-7110 La Louvière (Belgium)**

**Object of declaration**

Gegenstand der Erklärung / Objet de la déclaration / Oggetto della dichiarazione

**Cable Support System with Metallic Locking Barb**

Kabelbefestigungs-System mit Stahlnasenverschluss

Système de support de câbles avec languette de verrouillage métallique

Sistema di supporto cavi con dentino di serraggio metallico

**Type / Typ / Type / Tipo TY RAP Series – Standard, See Annex 1**

TY-RAP Standard Serie (Siehe Anhang 1)

TY-RAP Série Standard (Voir annexe 1)

TY-RAP Serie Standard (Vedi annesso 1)

**The object of the declaration described above is in conformity with the relevant Community harmonisation legislation**

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen / Harmonisierungsrechtsvorschriften der Gemeinschaft/  
L'objet de la déclaration décrit ci-dessus est conforme à la législation communautaire d'harmonisation applicable/  
L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa comunitaria di armonizzazione

**2014/35/EU Low Voltage Directive (LVD)**

Niederspannungsrichtlinie/Directive basse tension/Direttiva Bassa Tensione

**2002/95/EC, 2011/65/EU Restriction of Hazardous Substances (RoHS) or its exemption(s)/RoHS Richtlinie/Directive RoHS/Direttiva RoHS**

**and are in conformity with the following harmonized standards or other normative documents**

nachgewiesen durch die Einhaltung der nachstehend aufgeführten Normen oder anderen normativen Dokumenten/  
et justifié par le respect des Normes mentionnées ci-dessous ou autres documents normatifs/  
e sono stati applicati le norme o altri documenti normativi indicati di seguito

**EN 62275:2015 and IEC 62275:2013 Edition 2.0**

**Notified Body and number of the EC-type-examination certificate Self-Declaration**

Benannte Stelle und Nummer der EG-Baumusterprüfbescheinigung/Organisme agréé et numero du certificate de test CE/Organismo notificato e il numero del CE attestato di certificazione

**Year of CE Marking 1996**

Jahr der CE-Kennzeichnung/Année d'apposition du marquage CE/Anno in cui è stata affissa la marcatura

**Signed for and on behalf of**

Unterzeichnet für und im Namen von/Signé par et au nom de/Firmato in vece e per conto di

**ABB**

Memphis, Tennessee, USA on **2 August 2016**

**Michael Pratt**  
GPG R&D Director

**Andrea Castella**  
Hub BU Manager  
EPIP Europe



## ANNEX 1

### TY RAP Series – Standard - Cable Support System with Metallic Locking Barb

TY-RAP Standard Serie - Kabelbefestigungs-System mit Stahlnasenverschluss

TY-RAP Série Standard - Système de support de câbles avec languette de verrouillage métallique

TY-RAP Serie Standard - Sistema di supporto cavi con dentino di serraggio metallic

#### For all catalog numbers:

Alle Artikelnummern/Tous les numéros d'articles/Tutti i numeri di catalogo:

- **Non-flame propagating**/Flamwidrig/Non propagateur de flamme/Non propagante la fiamma
- **Resistant to Corrosion – Stainless Steel with minimum 16% Chromium**  
Korrosionbeständig/Résistant à la corrosion/Resistente alla corrosione

#### Refer to below tables for catalog numbers and performance classifications

Siehe nachstehende Tabelle für Artikelnummern und Leistungseinstufung

Voir tableaux ci-dessous pour les numéros d'articles et classés selon leur performance

Riferirsi alle tabelle sotto per i numeri di catalogo e le classificazioni delle prestazioni

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Riferirsi alle tabelle sotto per i numeri di catalogo e le classificazioni delle prestazioni

### Catalogue Number Description

**TY(B or 5) aaaM (X)\* (R) - (0, 1, 2, 3, ... 50)**

Catalog Number portion	Described Characteristic
<b>B</b> (optional) or <b>5</b> (optional)  No "5" & No "B"	<b>B</b> : Workbench box, References: TYB23M(X), TYB232M(X), TYB24M(X), TYB25M(X) – always packed per 1000 <b>5</b> : Small bag packaging 50 or 100  Bulk bag packaging 500 or 1000
<b>aaaM</b>	Dimension code: 23M, 232M, 234M, 24M, 242M, 26M, 244M, 25M, 253M, 28M, 272M, 27M, 275M, 277M, 29M
<b>X</b> (optional) <b>No X</b>  * (optional)	Black Ultra-violet resistant (UV-resistant) Blank: Natural color  Color codes (replace * with any number from 0 to 50) <b>0</b> : black, <b>1</b> : brown, <b>2</b> : red, <b>3</b> : orange, <b>4</b> : yellow, <b>5</b> : green, <b>6</b> : blue, <b>7</b> : violet, <b>8</b> : grey, <b>9 – 50</b> : reserved for additional colors
<b>R</b> (optional)  No "R"	<b>R</b> ack bag packaging with Euroslot: 50 or 100, always in combination with small bag code "5"  "R" only applicable on the following dimension codes: 523M, 5232M, 5234M, 524M, 5242M, 526M, 5244M, 525M, 5253M, 528M, 5272M, 527M,  Blank: bulk packaging 500 or 1000
<b>RW</b>	Designates cable ties for the <b>Railway (RW)</b> market



Catalog numbers and performance classifications – **Type 2\***

Catalog Number	Bundle Diameter		Loop Tensile Strength	Temperature			UV Resistant
	Min mm	Max mm		N	Max. Operating Temp. °C	Min. Operating Temp. °C	
TY(5)23M(R) TYB23M	1.5	22	80	85	-60	-20	NO
TY(5)23MX(R) TYB23MX				105		-30	YES
TY(5)23MX(R)-RW							
TYB2315M	1.5	32	80	85	-60	-20	NO
TYB2315MX				105		-30	YES
TY(5)232M(R) TYB232M	1.5	51	80	85	-60	-20	NO
TY(5)232MX(R) TYB232MX				105		-30	YES
TY(5)232MX(R)-RW							
TY(5)234M	1.5	102	80	85	-60	-20	NO
TY(5)234MX				105		-30	YES
TY(5)234MX-RW							
TY(5)26M(R)	2	76	134	85	-60	-20	NO
TY(5)26MX(R)			130	105		-30	YES
TY(5)26MX(R)-RW							
TY(5)244M(R)	2	102	134	85	-60	-20	NO
TY(5)244MX(R)			130	105		-30	YES
TY(5)244MX-RW							
TY(5)24M(R) TYB24M	2	35	180	85	-60	-20	NO
TY(5)24MX(R) TYB24MX				105		-30	YES
TY(5)24MX(R)-RW							
TY(5)242M(R)	2	51	180	85	-60	-20	NO

\* **Type 2** per EN/IEC 62275 and Type 21 per UL 62275 or CSA C22.2 No. 62275



Catalog numbers and performance classifications – **Type 2\*\*** (Continue)

Catalog Number	Bundle Diameter		Loop Tensile Strength	Temperature			UV Resistant
	Min mm	Max mm		N	Max. Operating Temp. °C	Min. Operating Temp. °C	
TY(5)25M(R) TY525M-CLRS	3	48	222	85	-60	-20	NO
TY(5)25MX(R)	3	48	220	105	-60	-30	YES
TY(5)25MX(R)-RW							
TY(5)253M(R)	3	78	222	85	-60	-20	NO
TY(5)253MX(R)				105		-30	YES
TY(5)253MX(R)-RW							
TY(5)28M(R)	3	102	222	85	-60	-20	NO
TY(5)28MX(R)				105		-30	YES
TY(5)28MX(R)-RW							
TY(5)272M(R)	6	51	540	85	-60	-20	NO
TY(5)272MX(R)				85		-30	YES
TY(5)272MX(R)-RW				105		-40	
TY(5)27M(R)	6	102	540	85	-60	-20	NO
TY(5)27MX(R)				85		-30	YES
TY(5)27MX(R)-RW				105		-40	
TY(5)275M	6	127	540	85	-60	-20	NO
TY(5)275MX				85		-40	YES
TY(5)275MX-RW				105			
TY(5)277M	6	177	540	85	-60	-20	NO
TY(5)277MX				85		-40	YES
TY277MX-RW				105			
TY(5)29M	6	229	540	85	-60	-20	NO
TY(5)29MX				85		-30	YES
TY29MX-RW				105		-40	

\*\* **Type 2** per EN/IEC 62275 and Types 2S, 21 and 21S per UL 62275 or CSA C22.2 No. 62275