



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

Refer to below tables for catalog numbers and performance classifications

Siehe nachstehende Tabelle für Artikelnummern und Leistungseinstufung

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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 (optional) or 5 (optional) No "5" & No "B"	B : Workbench box, References: TYB23M(X), TYB232M(X), TYB24M(X), TYB25M(X) – always packed per 1000 5 : Small bag packaging 50 or 100 Bulk bag packaging 500 or 1000
aaaM	Dimension code: 23M, 232M, 234M, 24M, 242M, 26M, 244M, 25M, 253M, 28M, 272M, 27M, 275M, 277M, 29M
X (optional) No X * (optional)	Black Ultra-violet resistant (UV-resistant) Blank: Natural color Color codes (replace * with any number from 0 to 50) 0 : black, 1 : brown, 2 : red, 3 : orange, 4 : yellow, 5 : green, 6 : blue, 7 : violet, 8 : grey, 9 – 50 : reserved for additional colors
R (optional) No "R"	R 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
RW	Designates cable ties for the Railway (RW) 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