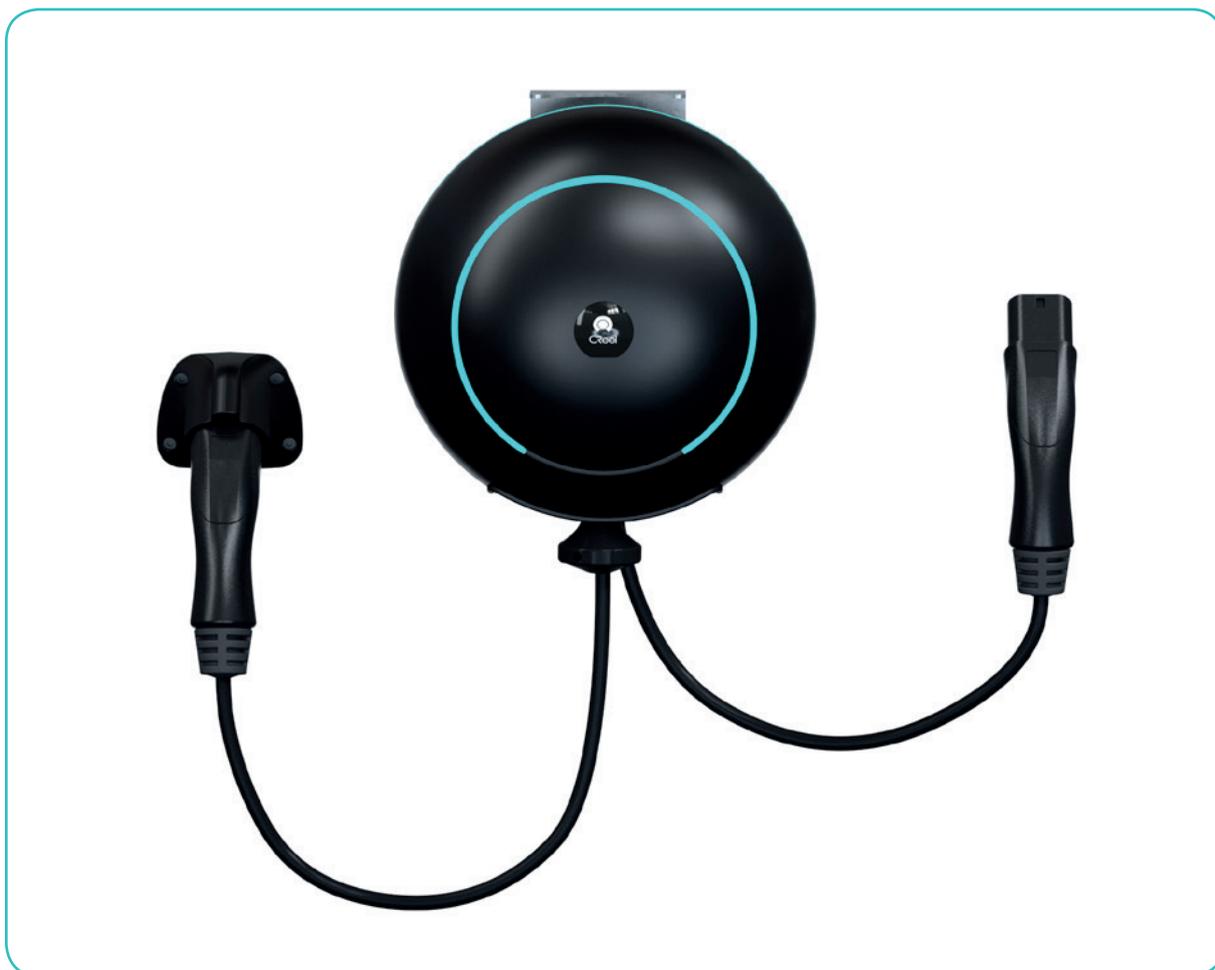


# Creel

Model: 2.0 CM

## Cable Management System Installation Manual V 1.01



Document: V 1.01  
Document No.: XXXXXXXXX  
Pages: 23

Specifications are subject to change due to further technical developments.  
Details presented may be subject to correction.

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For information about R.M.D. Components Italia please look at [www.rmdcom.com](http://www.rmdcom.com).

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### Annex 001 EU Declaration of Conformity

# 1. General notes

## 1.1 Manufacturer's note



The product's manufacturer is  
© R.M.D. Components Italia S.r.l.  
Via Avigliana 24 - 10040 - Rivalta di Torino (TO) - Italia

## 1.2 Installation note



**WARNING! Not observing the safety instructions can result in risk of death, injuries, and damage to the device! R.M.D. Components Italia Srl assumes no liability for claims resulting from this!**

- Electrical hazard!  
The installation, commissioning and maintenance of the charging station may only be performed by correctly trained, qualified and authorized electricians who are fully responsible for the compliance with existing standards and installation regulations.
- Do not carry out any unauthorized conversion work or modifications to the CReel 2.0!
- Repair work to the CReel 2.0 is not permitted and may only be performed by the manufacturer (replacement of the charging station)!
- Do not remove any notices on the device, such as safety symbols, warning notices, rating plates, nameplates or cable markings!
- Pull the charging cable out of the reel by the cable stopper and not by the cable or plug.
- Make sure that the charging cable is not damaged mechanically (kinked, pinched or driven over) and do not allow the contact area to come into contact with sources of heat, dirt or water.

## 2. Introduction

### 2.1 Purpose of the document

This document describes start up and operation of the CReel 2.0. The figures and explanations contained in this manual refer to a typical device design. The design of the device may deviate from it.

### 2.2 Preconditions

This document contains information for persons who, due to their special training, expertise and experience as well as knowledge of current standards, are able to assess the work performed and the possible hazards.

### 2.3 Intended use

The device is a “cable management” for the indoor and outdoor area (see warning 3.2) at which electrically operated vehicles can be charged (e.g. electric automobiles).

The CReel 2.0 is designed for installation on a wall or ceiling.

The respective national regulations must be observed with regard to the installation and connection of the CReel 2.0.

The intended use of the device always includes the compliance with the environmental conditions for which this device was developed.

The device was developed, manufactured, inspected and documented in compliance with the relevant safety standards. Therefore, the products do not pose any danger to the health of persons or a risk of damage to other property or equipment under normal circumstances, provided that the instructions and safety precautions relating to the intended use are properly observed.

#### 2.3.1 Contents of this document

- Safety notes
- Installation
- Operation and handling
- Maintenance

#### 2.3.2 Not contained in this document

- Charging station installation manual usually called Wallbox.

## 3. Safety notes

### 3.1 Symbols

At various points in this manual, you will see notes and precautionary warnings regarding possible hazards. The symbols used have the following meaning:

**DANGER!**

Indicates an imminently hazardous situation, which will result in death or serious bodily injury if the corresponding precautions are not taken.

**WARNING!**

Indicates a potentially hazardous situation, which can result in death or serious bodily injury if the corresponding precautions are not taken.

**CAUTION!**

Means that if the corresponding safety measures are not taken, a potentially hazardous situation can occur that may result in slight bodily injury.

**Caution**

Means that damage to property can occur if the corresponding safety measures are not taken.

## 3.2 General safety instructions

If you follow the instructions regarding safety and use as described in this manual, the product will, in normal case, neither cause personal injury nor damage to machinery and equipment.

The instructions contained in this manual must be precisely followed in all circumstances. Failure to do so could result in the creation of potential sources of danger.

Only electrical vehicles or their chargers must be connected. The connection of other devices (e.g. electric tools) is not allowed!

Due to technical or legal restrictions, not all versions/options are available in all countries

Apart from the safety instructions given in this manual, the safety precautions and accident prevention measures appropriate to the situation in question must also be observed.



### **WARNING!**

The following application areas are expressly excluded for the CReel 2.0:

**Do not use** in areas prone to explosion or fire.

**Do not use** in mining.

The device should be mounted protected from direct sunlight as far as possible to avoid the interruption of the charging due to excessive temperatures of the components of the CReel 2.0.

The device should be protected against direct rain as far as possible to prevent risk of electric shock or fault.

The device should be protected against snow and ice as far as possible to prevent risk of electric shock or fault.

Other products must be used for these applications!



### **CAUTION!**

Make sure the cable is correctly rewound if it is not used for charging to avoid trip hazard.

**Caution**

- Make sure the device is mounted correctly and safety.
- Avoid rolling out the cable jerkily
- Make sure the cable is not pressed and so damaged.
- Avoid dragging the cable over sharp edges whereby the cable jacket can be abraded.

**Caution**

Improper handling can cause damage to the device!

To avoid damaging the CReel 2.0 during further or return transport, the original packaging must be used for the transport.

**Caution**

Any modification of the device may entail the loss of warranty rights.

Exempt from this is maintenance work which is explicitly permitted by

R.M.D. Components Italia Srl in compliance with the maintenance interval defined by the supplier.

### 3.3 Personnel safety instructions

**CAUTION!**

**Danger of fire in case of component failure!**

- In final application, make sure that cable is firmly connected to the charging station.
- Check the cable in case of a short-circuit in the supply circuit!

## 4. Description of the device

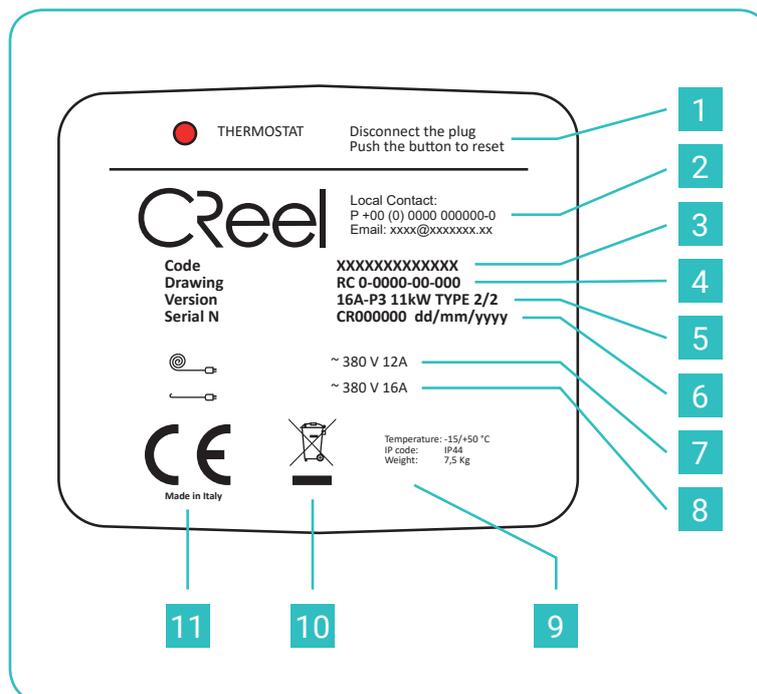
The CReel 2.0 is a cable reel to store the charging cable of a domestic and semipublic charging station infrastructure.

In summary, the reel is an assembled tool with different part, like a drum to coiled the charging cable with the EV connector, it has a spring load for automatic rewind of the cable. It has a brake to reduce the speed of rewinding. The cable can be stopped approximately every 50 cm from a lock function installed on the drum.

### Information

**The CReel 2.0 is designed for high amperes current transmission until 32 A in 1 Phase configuration and 16 A in 3 Phase configuration. The configuration cannot be switchable.**

### 4.1 Type plate



- |                          |  |                                 |
|--------------------------|--|---------------------------------|
| <b>1</b> Reset procedure | <b>5</b> Technical descriptions            | <b>9</b> Technical informations |
| <b>2</b> Local contact   | <b>6</b> Serial number and production date | <b>10</b> Disposal warning      |
| <b>3</b> Product code    | <b>7</b> Max power when rolled up          | <b>11</b> CE marking            |
| <b>4</b> References      | <b>8</b> Max power when full unrolled      |                                 |

## 4.2 Overview variants

The following variants of the CReel 2.0 are available:

Configuration	Car Side		Wallbox Side	
	Connector	Lenght	Connector	Lenght
1P 16A - 3.7 KW	Type 2	5 m	Type 2	1.5 m
1P 32A - 7.4 KW	Type 2	5 m	Type 2	1.5 m
3P 16A - 11KW	Type 2	5 m	Type 2	1.5 m

## 4.3 Approvals and Norms

The following CReel 2.0 are conforming to:

- CE declaration
- EMC
- LVD
- RoHS II
- Reach

**See Annex 001 EU Declaration of Conformity**

## 4.4 Visual warning

Two RGB led strips indicate the CReel 2.0 status:

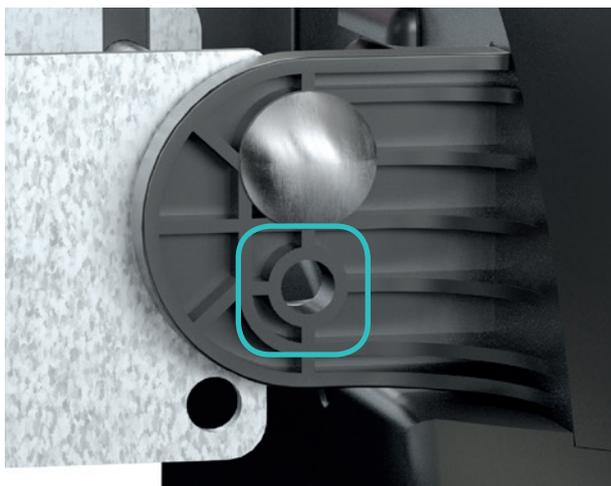
- Green light means the CReel 2.0 is running.
- Blue light means the system and the cooling system are running.
- No light means the CReel 2.0 is not powered.

## 4.5 Cooling system

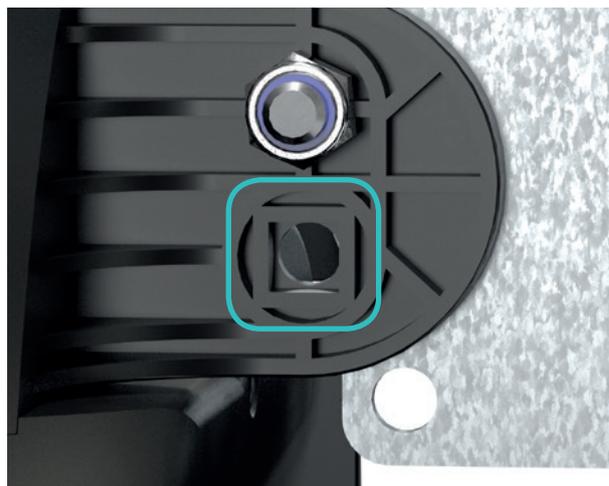
To ensure the efficiency CReel 2.0 is equipped with internal automatic cooling fans; when in operation you may hear some noise coming out of the device.

## 4.6 Anti theft device

To discourage theft, the device is equipped with a safety lock that prevents unauthorized disassembly



Safety lock must be installed into its circle seat



The bolt must be inserted into its square seat

## 5. Mounting and installation instructions

In this chapter is described the CReel 2.0 installation.

### 5.1 General instructions

#### Caution

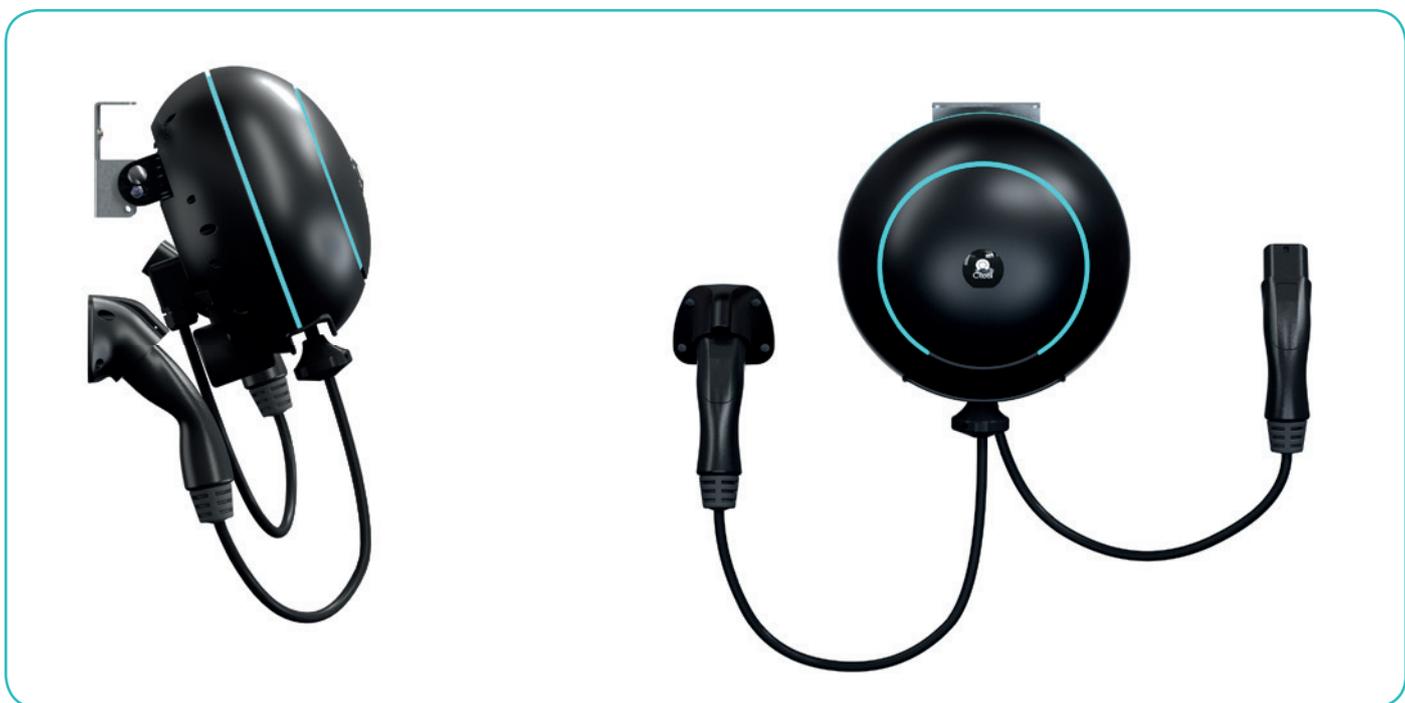
If the mounting surface is not flat the cable reel can be damaged. Hence avoid twisted or damaged mounting surfaces.

The anchoring system chosen by the installer must take into account the material from which the reel will be hung (4 standard dowels included with the reel).

### 5.2 Space requirement

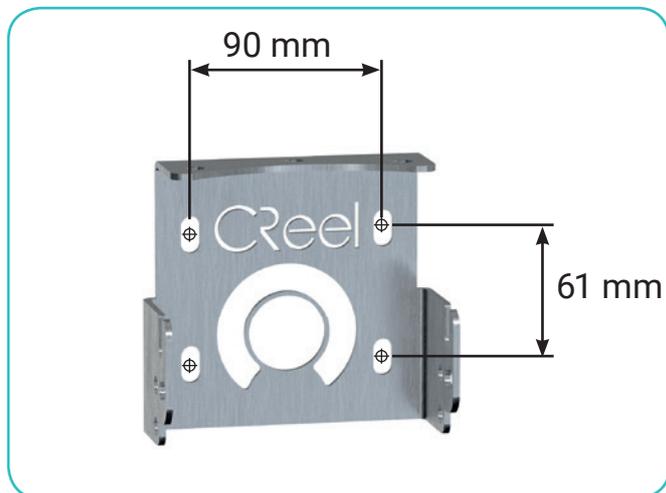
CReel dimensions are H 326 x W 326 x D 260 mm, we recommend to provide 200 mm of free space on each side to ensure the appropriate air flow.

CReel 2.0 can tilt 20 degrees forward, provide sufficient handling space.

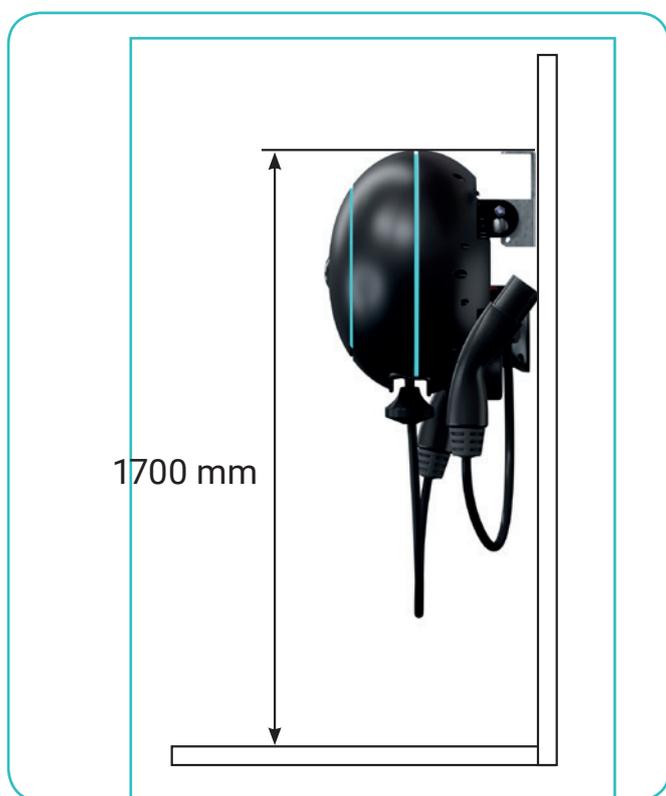


### 5.3 Mounting of cable reel

For a correct installation of the CReel 2.0 need n°4 x anchor bolt with washer are recommended. Print the last 2 pages of this document for drilling templates



The CReel 2.0 should only be mounted vertically with the cable output facing down.



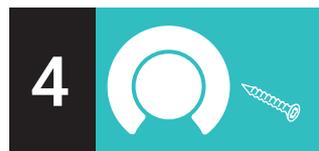
Raccomandato installation height from ground 1700 mm

## 5.4 Installation site recommendations

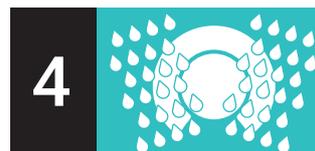
CReel 2.0 is IP44 protection class and can be installed indoors or outdoors with proper weather protection.

The following criteria should be considered when choosing the location:

- The device can only be installed for stationary applications.
- Mount the device so that charging cables do not cover or cross pedestrian and motorized traffic.
- Do not install the device at locations where it is exposed to ammonia or ammonia gas.
- The mounting surface must be sufficiently stable in order to withstand the mechanical forces.
- Do not install the charging station at locations where falling objects could damage the device.
- The device should be protected against direct rain as far as possible to prevent icing, hail damage or similar.
- If possible, the device should be mounted out of direct sunlight; if overheated, the device may go into protection and the thermal fuse could be triggered, interrupting charging. (see chapter 7.3).



**IP44** Protect against a solid object greater than 1mm, such as most of screws and wires.



Protect against vertical spraying water at an angle up to 60°. Limited liquid entry.

## 6. Connection and wiring

### 6.1 Connection to E Vehicles

The CReel 2.0 car side is ready to use, it is only necessary connect the plug in the car.



Cable equipped with Type2 - EU connector

## 6.2 Connection to E. V. Charging Station

The connection to the charging station may vary depending on the model of charging station, the CReel 2.0 can come in different configurations, please make sure the type matches before connecting the connector. To operate the CReel 2.0, simply plug in the connector.



Cable equipped with Type2 - EU connector

The others versions need to be connected directly to a Charging Station, for the procedure is highly recommended to follow the procedure described in the Charging Station Technical Datasheet, this procedure has to be done by an expert.  
The cable coding according to CEI-UNEL 00722 is as follow



## 7. Operation and handling

### 7.1 Protection during the operation

During recharging it is **recommended to completely extract the cable from the CReel 2.0** to avoid overheating of the components.

Even when connected the cable can be pulled out of the CReel.2.0 the cable reel can be rotated by 20 degree to facilitate cable pulling out.

The device is equipped with a lock function. Approximately every 50 cm the lock function is active (clicking noise) so the cable cannot roll up automatically and thereby is not in tension.

#### **Caution**

Do not jerky the cable because the CReel 2.0 can be damaged.

Briefly pulling on the cable releases the locking. A cable brake integrated in the CReel 2.0 serves to roll up the cable gently and to not snatch the connector out of the user's hands when releasing the locking function unintentionally.

### 7.2 Warning Sticker

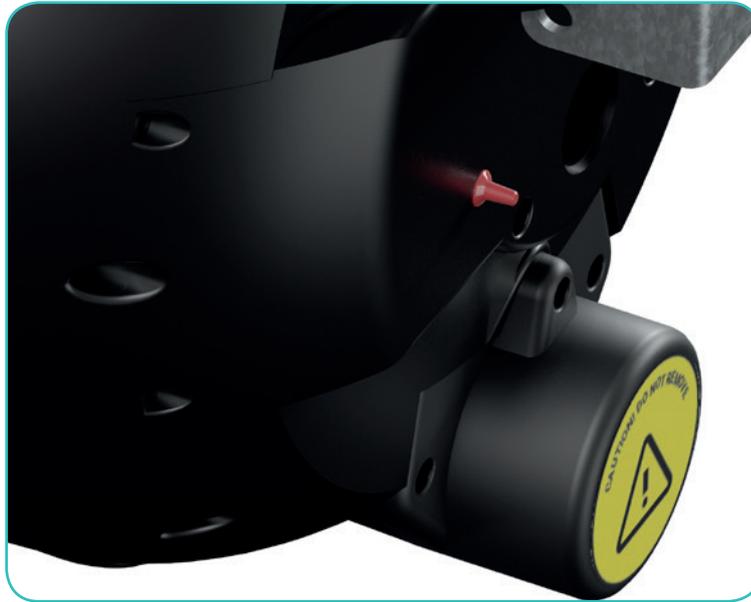
In order to clearly show potential hazard, a yellow warning sticker recommend to not remove any part from the reel.

One sticker is installed on brake and warn to not remove it.



### 7.3 Resettable thermostat.

In accordance with EN 61316 the CReel 2.0 is provided with a thermal cut-out, in case of overheating this disconnects the line during the charge. If it happens switch off the current and press the red button to reset to the normal operation.



### 7.4 Thermal fuse.

A non-resettable thermal fuse is soldered on the mainboard, it only intervenes in cases of severe overheating and can be replaced only by authorized personnel.

## 8. Maintenance

The following maintenance intervals must be adhered to:

Component	Interval
Whole cable reel	Approx. 1 Year *)
Cable	Approx. 1 Year *)
Cable brake	Approx. 1 Year *)
Locking function	Approx. 1 Year *)

\*) The exact maintenance interval depends on the operation environment.

The cable reel, the cable and the components must be cleaned according to necessity.

### 8.1 Inspection of the whole cable reel

#### Caution

#### Requirements at the inspection:

- All supply voltages must be disconnected or switched off (Charging Station).
- Unplug the CReel 2.0 from the car.

The following steps are necessary at the inspection of the cable reel:

- Check the mounting screws of the cable reel.
- Check the freedom to rotate on the bracket of the cable reel.
- Check the enclosure for damages and for foreign bodies or liquids inside.
- Check the connections.
- Check the cable for damages.
- Check the locking function via pulling out the cable at least 2 m.
- Repeat these 4 times.
- Check the sealing of all screws of the enclosure.

#### The removal of the sealing results in the loss of warranty.

If damages or faults of the CReel 2.0 are determined please send the cable reel with a precise error description to your dealer for inspection.

## 8.2 Cleaning the cable reel

- Caution. Never clean the reel with solvents, scouring agent or scrubbing sponges. Use a soft cloth and a bit of water or a mild cleaning agent.
- Avoid that foreign bodies or liquids get inside the cable reel. Check the protection covers, totality of the screws of the enclosure as well as damages at the enclosure and the cable exit periodically and in particular after strong shocks (e.g. Fall).

To clean the inside of the CReel 2.0 a vacuum cleaner or compressed air can be used.



### CAUTION!

When cleaning the inside with compressed air safety glasses must be worn!

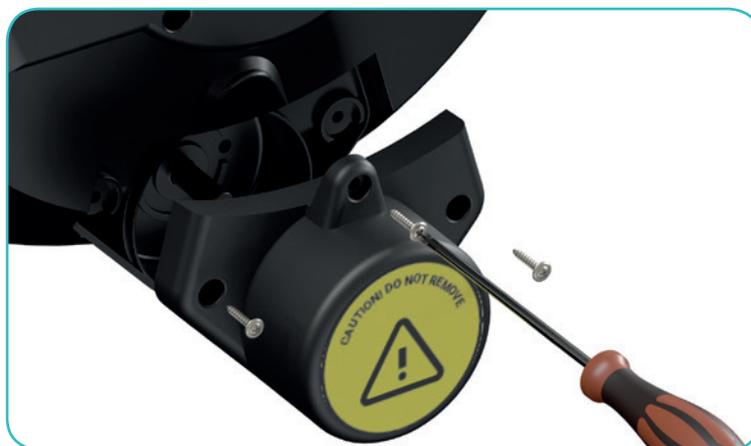
## 8.3 Repair / Replacing the brake

The CReel 2.0 has a brake (Part number: **RC 3-0090-00-227**).

The brake limits the rolling speed when retracting the cable. The brake loses power gradually over time and should be replaced.

Use this procedure to replace the brake on the CReel 2.0, tool required phillips-head screwdriver, screw included in the spare part. Max Torque 0,05Nm.

- Disconnect and disassemble the device from the wall mount.  
(not necessary but recommended)
- Place it on a flat surface with the back facing upwards.  
(not necessary but recommended)
- Unscrew the 3 screws and remove the brake.
- Insert the new brake and screw the three new screws provided.
- Reposition the device on its wall support.



## 9. Technical data

### 9.1 In general

Max. actuation cycles cable pullout:	In accord to the Rolling test "See Annex 001 EU Declaration of Conformity"
Protection class:	IP44
Connection cross section:	Minimum cross section (depending on the cable and the line length): 3 x 2.5 + 0.5 mm <sup>2</sup> (16A nominal current) 5 x 2.5 + 0.5 mm <sup>2</sup> (16A nominal current) 3 x 6.0 + 0.5 mm <sup>2</sup> (32A nominal current)
Rated current	16A - 32A 3 phase (only 16A)
Mains voltage (Europe)	230/380V
Main frequency	50/60 Hz

### 9.2 Environmental conditions

Operating temperature:	0 °C to +55 °C
Storage temperature:	-15 °C to +70 °C
Relative air humidity (non-condensing):	5 % to 95 % (not condensing)
Protection class	IP44
Altitude	Max. 2,400 m sea level
Shock resistance:	According to IEC 61316:2021

#### Information

**The environmental conditions for the CReel 2.0 must also be fulfilled during transport.**

### 9.3 Cable

Cable length on device side:

Wallbox side cable 0.5 m to 2.5 m

Car side cable 4.0 m to 7.0 m

### 9.4 Mechanical properties

Standard test: According to IEC 61316:2021

### 9.5 Dimensions, weight

Height: 326 mm

Width: 326 mm

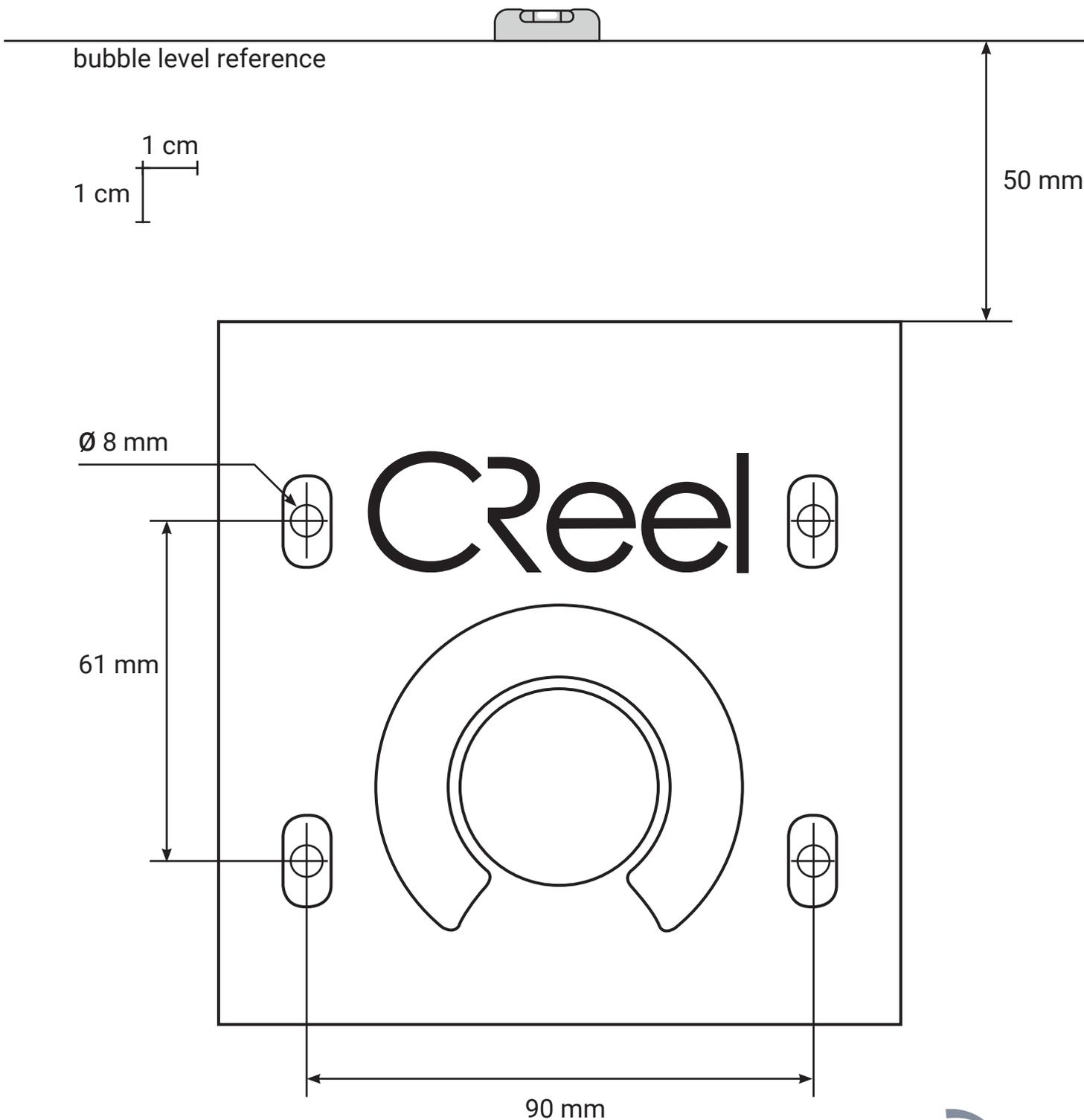
Depth 260 mm

Weight Approx. 10 Kg

## 10. Drill references

### 10.1 Wall bracket drilling templates

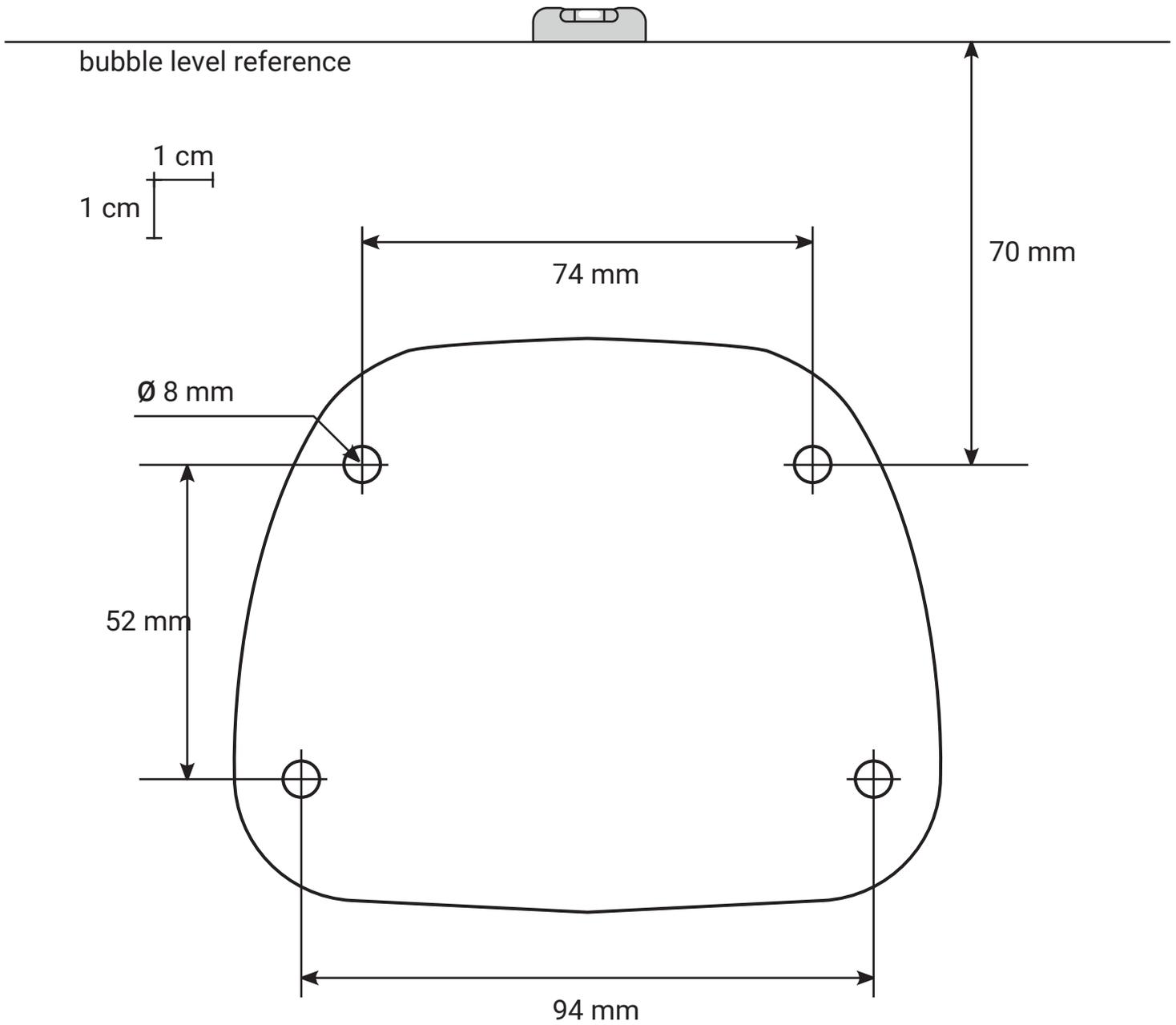
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## 10.2 Wall connector holder drilling templates

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# EU-Konformitätserklärung

## EU Declaration of Conformity

Nr. / No. 001\_CE\_CReel™\_A4\_01\_2022\_d\_e\_Rev01

Produktbezeichnung: **Charge Reel– CReel™**

*Product identification:* Charge Reel – CReel™

Hersteller: **RMD Components Italia Srl**

*Manufacturer:*

Anschrift: Via Avigliana 24  
IT-10040 Rivalta di Torino - Italia

*Address:*

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller.

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

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen Harmonisierungsrecht-vorschriften der Union, je nach eingesetzten Komponenten, wie in den Anhängen EW, RoHS II, Reach beschrieben, der integrale Bestandteil dieser Konformitätserklärung sind:

*The object of the declaration described above is in conformity with the relevant Union harmonisation legislation, depending on the components used, as described in the Annexes EMC, RoHS II, Reach which are an integral part of this declaration of conformity:*

**LVD- Richtlinie:**

2014/35/EU

Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die Bereitstellung elektrischer Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen auf dem Markt.

**LVD- Directive:**

2014/35/EU

*Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.*

**EMV-Richtlinie:**

2014/30/EU

Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die elektromagnetische Verträglichkeit; Amtsblatt der EU L 96, 29/03/2014, S. 79-106

**EMC Directive:**

2014/30/EU

*Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L 96, 29/03/2014, p. 79-106*

**RoHS II-Richtlinie:**

2011/65/EU

Richtlinie des Europäischen Parlaments und des Rates vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; Amtsblatt der EU L 174, 01/07/2011, S. 88-110

**RoHS II Directive:**

2011/65/EU

*Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L 174, 01/07/2011, p. 88-110*

**Delegierte Richtlinie der Kommission**

2015/863/EU

Richtlinie des Europäischen Parlaments und des Rates vom 31. März 2015 zur Änderung von Anhang II der Richtlinie 2011/65/EU zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; Amtsblatt der EU L 137/10, 04/06/2015

**Commission Delegated Directive:**

2015/863/EU

*Directive of the European Parliament and of the Council of 31 March 2015 amending Annex II to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L 137/10, 04/06/2015*

**Reach Verordnung:**

1907/2006/EU

Verordnung des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH), zur Schaffung einer Europäischen Agentur für chemische Stoffe, zur Änderung der Richtlinie 1999/45/EG und zur Aufhebung der Verordnung (EWG) Nr. 793/93 des Rates, der Verordnung (EG) Nr. 1488/94 der Kommission, der Richtlinie 76/769/EWG des Rates sowie der Richtlinien 91/155/EWG, 93/67/EWG, 93/105/EG und 2000/21/EG der Kommission; Amtsblatt der EU L 396/1, 30.12.2006  
<https://echa.europa.eu/candidate-list-table>

**Reach Regulation:**

1907/2006/EU

Regulation of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;  
*Official Journal of the EU L 396/1, 30.12.2006*  
<https://echa.europa.eu/candidate-list-table>

Weitere Angaben über die Einhaltung dieser Richtlinie(n) enftreten die Anhänge EMV, RoHS II, Reach.

*Further information about the conformity to this Directive(s) is given in the Annexes EMC, RoHS II, Reach.*

Unterzeichnet für und im Namen von:/ *Signed for and on behalf of:*

**RMD Components Italia Srl**

Via Avigliana 24

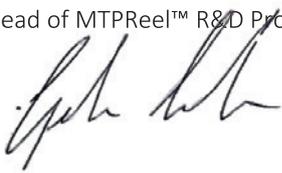
IT-10040 Rivalta di Torino - Italia

Name, *name*

Funktion, *function*

Gentile Edoardo

Head of MTPReel™ R&D Products



Gentile Giuseppe

Production and Quality Manager



Diese Erklärung bescheinigt die Übereinstimmung mit den genannten Richtlinien, ist jedoch keine Beschaffenheits- oder Haltbarkeitsgarantie. Die Sicherheitshinweise der mitgelieferten Produktdokumentation sind zu beachten.

*This declaration is an attestation of conformity with the indicated Directive(s) but does not imply any guarantee of quality or durability. The safety notes included with the product documentation must be observed.*

**Anhang EMV - Annex EMC**  
zur EU-Konformitätserklärung  
*for EU Declaration of Conformity*  
Nr. / No. 001\_CE\_CReel™\_A4\_01\_2022\_d\_e\_Rev01

Produktbezeichnung: **Charge Reel – CReel™**

*Product identification: Charge Reel – CReel™*

Die nachfolgend angeführten Komponenten des oben beschriebenen Gegenstandes der Eddärung erfüllen die einschlägige Harmonisierungsrechtsvorschrift der Union:

*The below-mentioned components of the object of the declaration described above are in conformity with the relevant Union harmonisation legislation:*

**EMV-Richtlinie:**

2014/30/EU

Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die elektromagnetische Verträglichkeit; Amtsblatt der EU L 96, 29/03/2014, S. 79-106

**EMC Directive:**

2014/30/EU

*Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility; Official Journal of the EU L 96, 29/03/2014, p. 79-106*

Die Übereinstimmung des bezeichneten Produkts mit den Vorschriften der angewandten Richtlinie(n) wird nachgewiesen durch die vollständige Einhaltung folgender Normen / Vorschriften:

*The conformity of the designated product with the provisions of the applied Directive(s) is proved by full compliance with the following standards / regulations:*

**Harmonisierte Europäische Normen:**

*Harmonized European Standards:*

<b>Referenznummer</b>	<b>Ausgabedatum</b>
<i>Reference number</i>	<i>Edition</i>
IEC 61000-6-1	2019
IEC 61000-6-3	2021

Das Produkt „Charge Reel - CReel™“, für welche dieser Anhang gilt, besteht aus den folgenden Komponenten:

*The product "Charge Reel - CReel™" to which this Annex applies consists of the following components:*

RC 4-0280-XX-XXX

**Anhang RoHS II - Annex RoHS II**  
zur EU-Konformitätserklärung  
*for EU Declaration of Conformity*  
Nr. / No. 001\_CE\_CReel™\_A4\_01\_2022\_d\_e\_Rev01

Produktbezeichnung: **Charge Reel – CReel™**

*Product identification: Charge Reel – CReel™*

Die nachfolgend angeführten Komponenten des oben beschriebenen Gegenstandes der Erklärung erfüllen die einschlägige Harmonisierungsrechtsvorschrift der Union:

*The below-mentioned components of the Object of the declaration described above are in conformity with the relevant Union harmonisation legislation:*

**RoHS II-Richtlinie:**

2011/65/EU

Richtlinie des Europäischen Parlaments und des Rates vom 8. Juni 2011 zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; Amtsblatt der EU L 174, 01/07/2011, S. 88-110

**RoHS II Directive:**

2011/65/EU

*Directive of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L 174, 01/07/2011, p. 88-110*

**Delegierte Richtlinie der Kommission**

2015/863/EU

Richtlinie des Europäischen Parlaments und des Rates vom 31. März 2015 zur Änderung von Anhang II der Richtlinie 2011/65/EU zur Beschränkung der Verwendung bestimmter gefährlicher Stoffe in Elektro- und Elektronikgeräten; Amtsblatt der EU L 137/10, 04/06/2015

**Commission Delegated**

**Directive:**

2015/863/EU

*Directive of the European Parliament and of the Council of 31 March 2015 amending Annex II to Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment; Official Journal of the EU L 137/10, 04/06/2015*

Die Übereinstimmung des bezeichneten Produkts mit den Vorschriften der angewandten Richtlinie(n) wird nachgewiesen durch die vollständige Einhaltung folgender Normen / Vorschriften:

*The conformity of the designated product with the provisions of the applied Directive(s) is proved by full compliance with the following standards / regulations:*

**Harmonisierte Europäische Normen:**

*Harmonized European Standards:*

<b>Referenznummer</b>	<b>Ausgabedatum</b>
<i>Reference number</i>	<i>Edition</i>
EN 50581	2012

Das Produkt „Charge Reel - CReel™“, für welche dieser Anhang gilt, besteht aus den folgenden Komponenten:

*The product "Charge Reel - CReel™" to which this Annex applies consists of the following components:*

RC 4-0280-XX-XXX

**Anhang Reach - Annex Reach**  
zur EU-Konformitätserklärung  
*for EU Declaration of Conformity*  
**Nr. / No. 001\_CE\_CReel™\_A4\_01\_2022\_d\_e\_Rev01**

Produktbezeichnung: **Charge Reel – CReel™**

*Product identification: Charge Reel – CReel™*

Die nachfolgend angeführten Komponenten des oben beschriebenen Gegenstandes der Erklärung erfüllen die einschlägige Harmonisierungsrechtsvorschrift der Union:

*The below-mentioned components of the Object of the declaration described above are in conformity with the relevant Union harmonisation legislation:*

**Reach Verordnung:**

1907/2006/EU

Verordnung des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH), zur Schaffung einer Europäischen Agentur für chemische Stoffe, zur Änderung der Richtlinie 1999/45/EG und zur Aufhebung der Verordnung (EWG) Nr. 793/93 des Rates, der Verordnung (EG) Nr. 1488/94 der Kommission, der Richtlinie 76/769/EWG des Rates sowie der Richtlinien 91/155/EWG, 93/67/EWG, 93/105/EG und 2000/21/EG der Kommission; Amtsblatt der EU L 396/1, 30.12.2006  
<https://echa.europa.eu/candidate-list-table>

**Reach Regulation:**

1907/2006/EU

Regulation of the European Parliament and of the council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC;  
*Official Journal of the EU* L 396/1, 30.12.2006  
<https://echa.europa.eu/candidate-list-table>

Die Konformität des bezeichneten Produkts mit den Bestimmungen der angewandten Richtlinie(n) ist nachgewiesen, weil es keinen der Stoffe (SVHC) der Kandidatenliste in Konzentrationen größer als 0,1 % (w/w) enthält und. unsere Hauptlieferanten für die Fertigprodukte haben ihre Konformität mit REACH:

*The conformity of the designated product with the provisions of the applied Directive(s) is proved because does not contain any of the substances (SVHC) in the candidate list in concentrations greater than 0.1% (w/w) and. our major suppliers for the finished products have their compliance with REACH.*

Das Produkt „Charge Reel - CReel™“, für welche dieser Anhang gilt, besteht aus den folgenden Komponenten:

*The product "Charge Reel - CReel™" to which this Annex applies consists of the following components:*

RC 4-0280-XX-XXX

**Anhang LVD - LVD**  
zur EU-Konformitätserklärung  
*for EU Declaration of Conformity*  
Nr. / No. 001\_CE\_CReel™\_A4\_01\_2022\_d\_e\_Rev01

Produktbezeichnung: **Charge Reel – CReel™**

*Product identification: Charge Reel – CReel™*

Die nachfolgend angeführten Komponenten des oben beschriebenen Gegenstandes der Erklärung erfüllen die einschlägige Harmonisierungsrechtsvorschrift der Union:

*The below-mentioned components of the Object of the declaration described above are in conformity with the relevant Union harmonisation legislation:*

**LVD- Richtlinie:**

2014/35/EU

Richtlinie des Europäischen Parlaments und des Rates vom 26. Februar 2014 zur Harmonisierung der Rechtsvorschriften der Mitgliedstaaten über die Bereitstellung elektrischer Betriebsmittel zur Verwendung innerhalb bestimmter Spannungsgrenzen auf dem Markt.

**LVD- Directive:**

2014/35/EU

*Directive of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.*

Die Übereinstimmung des bezeichneten Produkts mit den Vorschriften der angewandten Richtlinie(n) wird nachgewiesen durch die vollständige Einhaltung folgender Normen / Vorschriften:

*The conformity of the designated product with the provisions of the applied Directive(s) is proved by full compliance with the following standards / regulations:*

**Harmonisierte Europäische Normen:**

*Harmonized European Standards:*

<b>Referenznummer</b> <i>Reference number</i>	<b>Ausgabedatum</b> <i>Edition</i>
IEC 61316	2021

Das Produkt „Charge Reel - CReel™“, für welche dieser Anhang gilt, besteht aus den folgenden Komponenten:

*The product "Charge Reel - CReel™" to which this Annex applies consists of the following components:*

RC 4-0280-XX-XXX