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## **1 INTRODUCTION**

This document is a high level user instruction for KONE Wibe wireless BLE sensor board

## **2 POWER RATING OF THE DEVICE**

- 3 V 15mA

## **3 DEVICE DESCRIPTION**

- KONE Wibe is a wireless sensor board with Bluetooth (BLE) connection intended to be used in elevator doors for measuring and storing information about the condition and use of doors.

## **4 KONE WIBE INSTALLATION**

- KONE Wibe shall only be installed to Kone elevators
- KONE Wibe shall be installed permanently to the elevator door
- KONE Wibe shall be supplied with 3V Lithium coin cell battery and is not electrically connected any parts of the Kone elevator system

This equipment is not suitable for use in locations  
where children are likely to be present.

## **5 USE OF KONE WIBE DEVICE**

- Only Kone maintenance personnel have access to the device.
- The device operates independently in the elevator and has a single button for setting up the functionality
- The device will allow BLE connection to a device which is programmed to the system.
- The device supports only BLE data transfer connection and doesn't support voice call
- The system does not support emergency call e.g. 112 or 911.

Warning: It is recommend a minimum separation distance (20 cm at minimum) between the device and nearby persons.

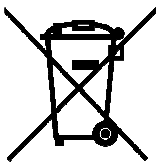
## 6 SYMBOLS ON KONE WIBE DEVICE



Installation orientation "This Side Up"



Power button



WEEE symbol (Waste Electrical and Electronic Equipment Directive)

## 7 BATTERY SAFETY

- replacement of a battery with an incorrect type that can defeat a **safeguard** (for example in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an **explosion**;
- leaving a battery in an extremely high temperature surrounding environment that can result in an **explosion** or the leakage of flammable liquid or gas;
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

## **8 FCC/IC REGULATORY NOTICE**

### Modification Statement

Kone Corporation has not approved any changes or modifications to this device by the user. Any changes or modifications could void the user's authority to operate the equipment.

Kone Oyj n'approuve aucune modification apportée à l'appareil par l'utilisateur, quelle qu'en soit la nature. Tout changement ou modification peuvent annuler le droit d'utilisation de l'appareil par l'utilisateur.

### Interference Statement

This device complies with Part 15 of the FCC Rules and Industry Canada licence-exempt RSS standard(s).

FCC Class B peripheral device

following two conditions:

(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie

Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### Radiation Exposure Statement

This device complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65 and RSS-102 of the IC radio frequency (RF) Exposure rules. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Le présent appareil est conforme à l'exposition aux radiations FCC / IC définies pour un environnement non contrôlé et répond aux directives d'exposition de la fréquence de la FCC radiofréquence (RF) dans le Supplément C à OET65 et RSS-102 de la fréquence radio (RF) IC règles d'exposition. L'émetteur ne doit pas être colocalisé ni fonctionner conjointement avec à autre antenne ou autre émetteur.

### FCC Class B Digital Device Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or

television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAN ICES-3 (B) / NMB-3 (B)

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.

Bulgarian	С настоящето Kone Oyj декларира, че отговаря на съществените изисквания и другите приложими изисквания на Директива 2014/53/EU.
Croatian	Ovime Kone Oyj, izjavljuje da je ovaj KONE WIBE je u skladu s osnovnim zahtjevima i drugim relevantnim odredbama Direktive 2014/53/EU.
Czech	Kone Oyj tímto prohlašuje, že tento KONE WIBE je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.
Danish	Undertegnede Kone Oyj erklærer herved, at følgende udstyr KONE WIBE overholder de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.
Dutch	Hierbij verklaart Kone Oyj dat het toestel KONE WIBE in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 2014/53/EU.
English	Hereby, Kone Oyj declares that this KONE WIBE is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.
Estonian	Käesolevaga kinnitab Kone Oyj seadme KONE WIBE vastavust direktiivi 2014/53/EU põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
German	Hiermit erklärt Kone Oyj, dass sich das Gerät KONE WIBE in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Kone Oyj ΔΗΛΩΝΕΙ ΟΤΙ KONE WIBE ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 2014/53/EU.
Hungarian	Alulírott, Kone Oyj nyilatkozom, hogy a KONE WIBE megfelel a vonatkozó alapvető követelményeknek és az 2014/53/EU irányelv egyéb előírásainak.
Finnish	Kone Oyj vakuuttaa täten että KONE WIBE tyyppinen laite on direktiivin 2014/53/EU oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
French	Par la présente Kone Oyj déclare que l'appareil

	KONE WIBE est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 2014/53/EU.
Icelandic	Hér með lýsir Kone Oyj yfir því að KONE WIBE er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU.
Italian	Con la presente Kone Oyj dichiara che questo KONE WIBE è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 2014/53/EU.
Latvian	Ar šo Kone Oyj deklarē, ka KONE WIBE atbilst Direktīvas 2014/53/EU būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lithuanian	Šiuo Kone Oyj deklaruoja, kad šis KONE WIBE atitinka esminius reikalavimus ir kitas 2014/53/EU Direktyvos nuostatas.
Maltese	Hawnhekk, Kone Oyj, jiddikjara li dan KONE WIBE jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 2014/53/EU.
Norwegian	Kone Oyj erklærer herved at utstyret KONE WIBE er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU.
Polish	Niniejszym Kone Oyj oświadcza, że KONE WIBE jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 2014/53/EU.
Portuguese	Kone Oyj declara que este KONE WIBE está conforme com os requisitos essenciais e outras disposições da Directiva 2014/53/EU.
Slovak	Kone Oyj týmto vyhlasuje, že KONE WIBE spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 2014/53/EU.
Slovenian	Kone Oyj izjavlja, da je ta KONE WIBE v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 2014/53/EU.
Spanish	Por medio de la presente Kone Oyj declara que el KONE WIBE cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 2014/53/EU.
Swedish	Härmed intygar Kone Oyj att denna KONE WIBE står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 2014/53/EU.

## 9 EU DECLARATION OF CONFORMITY

<b>EU Declaration of Conformity</b> <b>Kone Wibe</b>										
<b>EU DECLARATION OF CONFORMITY</b>										
<b>Manufacturer:</b>	<b>Name:</b> Kone Corporation <b>Address:</b> Kartanontie 1 FIN-00330 Helsinki FINLAND									
<b>Equipment:</b>	<b>Model Name:</b> Kone Wibe <b>Software:</b> Embedded proprietary SW									
<p>Hereby, Kone Corporation declares that the radio equipment type Kone Wibe is in compliance with Directive 2014/53/EU.</p> <p>The conformity assessment procedure referred to in Directive 2014/53/EU has been followed with the involvement of the following Notified Body: DEKRA Testing and Certification, S.A.U., Parque Tecnológico de Andalucía, C/ Severo Ochoa nº 2, 29590 Campanillas – Malaga Spain, Notified Body No: 1909 and issued the EU-type examination certificate: XXXXXXXXXX.</p> <p>Thus,  is placed on the product.</p> <p>The following standards have been applied:</p> <table><tr><td><b>Article 3.1a:</b></td><td style="text-align: center;"><b>Safety and Health</b> EN 62368-1:2014 + AC:2015 + A11:2017 IEC 62479:2010</td></tr><tr><td><b>Article 3.1b:</b></td><td style="text-align: center;"><b>EMC</b> EN 301 489-1 V2.1.1 Draft EN 301 489-17 V3.2.0 EN 12015:2014 EN 12018:2013</td></tr><tr><td><b>Article 3.2:</b></td><td style="text-align: center;"><b>RF Spectrum Efficiency</b></td></tr><tr><td><b>Frequency:</b> 2.400 - 2.4835 GHz <b>Power:</b> &lt;20mW</td><td style="text-align: center;">EN 300 328 V2.1.1</td></tr></table>			<b>Article 3.1a:</b>	<b>Safety and Health</b> EN 62368-1:2014 + AC:2015 + A11:2017 IEC 62479:2010	<b>Article 3.1b:</b>	<b>EMC</b> EN 301 489-1 V2.1.1 Draft EN 301 489-17 V3.2.0 EN 12015:2014 EN 12018:2013	<b>Article 3.2:</b>	<b>RF Spectrum Efficiency</b>	<b>Frequency:</b> 2.400 - 2.4835 GHz <b>Power:</b> <20mW	EN 300 328 V2.1.1
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**EU Declaration of Conformity**  
**Kone Wibe**



**Additional compliance:**

RoHS RoHS Directives 2011/65/EU + 2014/1,....,16/EU

**Signed for and on behalf of:** Kone Corporation

**Place:** Helsinki **Date:** XX.XX.2017

**Name:** Samu Salmelin **Function:** Head of Services and Solutions R&D,  
Services and Solutions R&D

\_\_\_\_\_  
Samu Salmelin

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