



\*4000412-7Z\*

No.5132964-8D

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Original



## EU DECLARATION OF CONFORMITY

**1. Product Models/Products:**

V680-HA63 series and V680-HS series

V680-D series and V680S-D series

**2. Name and address of the manufacturer:**

OMRON Corporation

Shiokoji Horikawa, Shimogyo-Ku, Kyoto, 600-8530 Japan

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

**4. Objects of the declaration:**

V680-HA63 series and V680-HS series, RFID Reader/Writers - Amplifiers and Antennas

V680-D series and V680S-D series, RF Tags

**5. The objects of the declaration described above are in conformity with the relevant Union harmonisation legislation:**

2014/53/EU Radio Equipment Directive

2011/65/EU RoHS Directive

**6. References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:**

Radio EN 300 330 V2.1.1

EMC EN 301 489-1 V2.1.1

Electrical safety EN 61010-1:2010/A1:2019

Human exposure EN 50364:2010

Signed and on behalf of: OMRON Corporation

Place and date of issue: Kyoto, Japan 2022/3/23

Signature: \_\_\_\_\_

三島 行正

Name:

Yukimasa Mishima

Function:

General Manager, Sensor Division, Product Business Division HQ,  
Industrial Automation Company

**Name and address of contact in EU**

OMRON Europe B.V.

Quality & Environment Department

Attn: J.J.P.W. Vogelaar, European Quality & Environment Manager

Zilverenberg 2, 5234 GM, 's-Hertogenbosch, The Netherlands

**Additional information**

(1) Models List of the V680-HA63 series

V680-HA63A

V680-HA63B

(2) Models List of the V680-HS series

V680-HS51

V680-HS51-1

V680-HS52-W

V680-HS52-R

V680-HS63-W

V680-HS63-R

V680-HS63-SP

V680-HS65-W

V680-HS65-R

Model name may be followed by additional letter(s) and /or number(s) for sale purposes.

# 法規と規格/Regulations and Standard

以下の海外法規、規格に対応しています。  
The Products conform to the following regulations and standards.

## 1. 米国/The United States

FCC Part 15 Subpart C

FCC ID	アンプ/Amplifier	アンテナ/Antenna
E4E6CYSIDV6800406	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65 V680-HS61-1
E4E6CYSIDV6800306	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

### FCC NOTICE

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

### FCC WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Do not remove the ferrite core (TDK Type

ZCAT1730-0730A;V680-HS52/-HS63/-HS65;TDK Type ZCAT1525-0430AP;V680-HS51) installed on the cables to suppress RF interference.

## 2. 欧州/Europe

規格/Standards	アンプ/Amplifier	アンテナ/Antenna
RE(無線機器)指令 Radio Equipment Directive 2014/53/EU ・無線規格(Radio): EN 300 330 ・EMC規格: EN 301 489-1 ・安全規格(Safety)規格: EN 61010-1 ・人体防護規格: EN 50364 (Human exposure)	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65



## 3. 日本/Japan

高周波利用設備 誘導式読み書き通信設備  
標準規格 ARIB STD-T82

Equipment using high frequencies: Inductive  
Reading/Writing Communications Equipment  
Standard: ARIB STD-T82

指定番号/Assigned number	アンプ/Amplifier	アンテナ/Antenna
第EC-06019号	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65 V680-HS61-1
第EC-06020号	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 4. カナダ/Canada

IC ID	アンプ/Amplifier	アンテナ/Antenna
850J-V68HA63A	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
850J-V68HA63B	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

This device complies with Industry Canada licence-exempt RSS standards.

Operation is subject to the following two conditions:

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

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.

## 5. 中国/China

規則/Regulation	アンプ/Amplifier	アンテナ/Antenna
中华人民共和国 工业和信息化部公告 2019年 第52号	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

(一) 本产品符合“微功率短距离无线电发射设备目录和技术要求”如下条款:

- 具体条款: 通用微功率设备 C类设备
- (1)使用频率: 13553-13567kHz
  - (2)10米处磁场强度: 不大于42dB $\mu$ A/m (准峰值检波)
  - (3)频率容限: 100 $\times$ 10<sup>-6</sup>
  - (4)特殊频带辐射发射: 对于13553-13567kHz 频段设备、频段两端偏移140kHz 频率范围的10 米处磁场强度不大于9dB $\mu$ A/m (准峰值检波)
- 使用场景: 通用  
采用的天线类型: V680-HS51, V680-HS52, V680-HS63, V680-HS65  
控制、调整及开关等使用方法: 不适用
- (二) 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率(包括额外加装射频功率放大器), 不得擅自更改发射天线;
- (三) 不得对其他合法的无线电台(站)产生有害干扰, 也不得提出免受有害干扰保护;
- (四) 应当承受辐射射频能量的工业、科学及医疗(ISM)应用设备的干扰或其他合法的无线电台(站)干扰;
- (五) 如对其他合法的无线电台(站)产生有害干扰时, 应立即停止使用, 并采取消除干扰后方可继续使用;
- (六) 在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站(含测控、测距、接收、导航站)等军民用无线电台(站)、机场等的电磁环境保护区域内使用微功率设备, 应当遵守电磁环境保护及相关行业主管部门的规定;
- (七) 禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器;
- (八) 微功率设备使用时温度的环境条件: -10 $\sim$ +55 $^{\circ}$ C  
电压的环境条件: 直流20.4 $\sim$ 26.4V

## 6. 韓国/Republic of Korea

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
OMR-V680-HA63A	V680-HA63A	V680-HS51 V680-HS52-R V680-HS52-W V680-HS63-R V680-HS63-W V680-HS65-R V680-HS65-W
OMR-V680-HA63B	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 7. 台湾/Taiwan

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
CCAB07LPT220T4	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

取得審験證明之低功率射頻器材,非經核准公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。  
低功率射頻器材之使用不得影響飛航安全及干擾合法通信。經發現有干擾現象時,應立即停用,並改善至無干擾時方得繼續使用。  
前述合法通信,指依電信管理法規作業之無線電通信。  
低功率射頻器材須受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## 8. シンガポール/Singapore

登録番号/Registration number	アンプ/Amplifier	アンテナ/Antenna
N4011-16	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
N4009-16	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

Complies with  
IMDA Standards  
DB102044

## 9. マレーシア/Malaysia

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
A011578	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
A011579	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 10. メキシコ/Mexico

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
RLVOMV607-622-A2	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
RPCOMV607-329-A1	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

La operación de este equipo está sujeta a las siguientes dos condiciones:

- (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y
- (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

## 11. フィリピン/Philippines

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
ESD-0803461C	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
ESD-0803462C	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 12. インドネシア/Indonesia

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
69987/SDPPI/2020 PLG.ID 5564	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 13. タイ/Thai land

登録番号/Registration number	アンプ/Amplifier	アンテナ/Antenna
ท. 0640	V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
ท. 0642	V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 14. ブラジル/Brazil

認証番号/Certification number	アンプ/Amplifier	アンテナ/Antenna
0139-13-4358	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

V680-HA63A 0.5M



V680-HA63A 5M



V680-HA63A 10M



V680-HA63B 0.5M



V680-HA63B 5M



V680-HA63B 10M



Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

## 15. オーストラリア・ニュージーランド/Australia and New Zealand

アンプ/Amplifier	アンテナ/Antenna
V680-HA63A	V680-HS51 V680-HS52 V680-HS63 V680-HS65
V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

## 16. ベトナム/Vietnam

管理番号/Control number	アンプ/Amplifier	アンテナ/Antenna
A00322015	V680-HA63A V680-HA63B	V680-HS51 V680-HS52 V680-HS63 V680-HS65

