Contents [hide]

1 MARQUARDT HH6 Door Handle

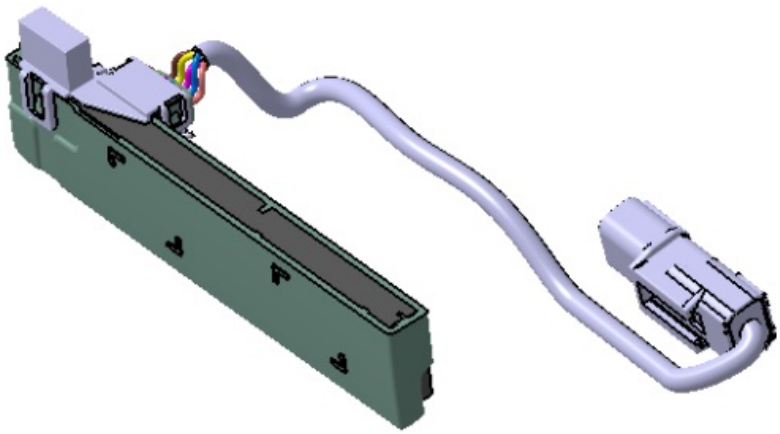
2 Product Usage Instructions

3 FAQS

4 Documents / Resources

4.1 References

MARQUARDT HH6 Door Handle



Specifications

- Product: HH6 Door Handle
- Features: Capacitive touch sensors, NFC technology
- Function: Identify and authorize users to unlock vehicle doors

Product Usage Instructions

Functional Description

The HH6 is a door handle for a car with capacitive touch sensors and NFC. It uses an integrated NFC antenna to identify NFC tags, smartphones, and wearables, authorizing users to unlock the vehicle. The HH6 recognizes valid NFC tags on approach and sends a signal to the vehicle ECU for door unlock. Additionally, touch sensors on the handle enable Lock & Unlock functions.

Usage Description

To unlock the vehicle, place your authorized NFC device (smartcard, mobile phone, or wearable with secure element ID) onto the door handle. The HH6 automatically authorizes the user as soon as a valid device is recognized, unlocking the door for access. NFC communication activates only when an NFC device is placed on the handle. Refer to the User Manual provided by the OEM for more details.

Compliance Statements USA & Canada

The equipment complies with FCC RF Radiation Exposure limits for uncontrolled environments. Users must ensure the device does not cause harmful interference and accepts any received interference. Unauthorized modifications could void the user's authority to operate the equipment.

- Editor : Agnetta Rebello
- Department : RDEC-PU
- Tel. : +91 (0) 20 6693 8273
- Email : Agnetta.Rebello@marquardt.com

- First Version : 13.06.2024
- Version : 1.1

Functional description

- The HH6 is a door handle for a car with capacitive touch sensors and NFC. Using the integrated NFC antenna inside the door handle, NFC tags, smartphones and wearables can be identified and a user can be authorized to unlock the vehicle.
- The HH6 recognizes the valid NFC tag on approach & sends the signal to the vehicle ECU for unlock of the car door.
- Additionally, the HH6 has touch sensors for Lock & Unlock functions on the Door

handle

Usage description

- The user places his authorized NFC device (a smartcard or a mobile phone / wearable with an integrated secure element ID) onto the door handle. The HH6 authorizes the user to the car automatically as soon as a valid device is recognized. Then the door is unlocked and the driver can access the car. The NFC communication is only activated once a NFC device is placed onto the door handle.
- For additional information, please refer to the User Manual provided by the OEM.

Compliance statements USA & Canada

The equipment complies with FCC RF Radiation Exposure limits set forth for an uncontrolled environment. 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.

Field	Details
Company	MARQUARDT GmbH
Address	Schloßstraße 16, D-78604 Rietheim-Weilheim
Initial Version	04.03.2024
Version	1.1
Department	RDEC-PU
File	2024-06-13_User Manual_HH6.doc
Editor	Agnetta Rebello
Project No.	M439801

Field	Details
Revision Date	13.06.2024
Page	Page 2 of 3

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

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the 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.

Any changes or modifications (including the antennas) to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC and IC RF Radiation Exposure Statement: This equipment complies with FCC and IC RF Radiation exposure limits set forth for an uncontrolled environment.

- This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

13.06.2024	Agnetta Rebello	RDEC-PU	04.03.2024
Page	Project No.	File	Version
Page 3 of 3	M439801	2024-06-13_User Manual_HH6.doc	1.1

History

	1.1	1.0	Version
	3	All	Chapter
	Corrected User Manual statement	Original version	Changes
	13.06.2024	12.06.2024	Date
	A. Rebello	A. Rebello	Editor

Proprietary data, company confidential. All rights reserved.

FAQS

Q: How do I know if my NFC device is authorized?
A: The HH6 will automatically authorize your NFC device when it is recognized, allowing you to unlock the vehicle.

Q: What happens if I place an unauthorized device on the door handle?
A: An unauthorized device will not be recognized by the HH6, and the door will not unlock.

Documents / Resources

	MARQUARDT HH6 Door Handle [pdf] User Manual IYZHH6, IYZHH6, hh6, HH6 Door Handle, HH6, Door Handle, Handle

References

- User Manual

MARQUARDT Door Handle, Handle, HH6, HH6 Door Handle, IYZHH6, MARQUARDT

Leave a comment

Your email address will not be published. Required fields are marked *

Comment *

Name

Email

Website

Save my name, email, and website in this browser for the next time I comment.

Post Comment

Search:

e.g. whirlpool wrf535swhz

Search

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.