



HELLA GmbH & Co. KGaA
59552 Lippstadt

FS125C1

Radio Identification Device

FS125C1

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1 Device description

This document is to describe the FS125C1 family of Radio Identification Devices (RID) intended for use in automotive Passive Entry / Passive Start systems. All family members use the same PCB layout and basic type of housing. Images of the devices are given below.

Device designation	Buttons	Button functions	Customer lab
FS125C1	4	Lock, Trunk, Panic, Unlock	VW

2 FS125C1 functions overview

All devices share the same printed circuit board (PCB). They allow the user to control the central locking system and other functions of a vehicle from a distance. Functionality can be divided into active mode functions and passive mode functions. Both are described in the following chapters.

3 Application

The above-mentioned devices are intended to allow the user to comfortably control the central locking status of a vehicle. This can be achieved by activation of the buttons described in the following picture. Furthermore, comfort to the user is enhanced to a great extent by passive entry and passive start functionality.

4 FS125C1 pictures

The following images show the exterior view of the FS125C1 devices. End caps of the housing may be either made of plastic or metal. These pictures are exemplary, other designs e.g. with less buttons or different button labels or different customer label or different design of the end cap may exist.



Picture 1: FS125C1 top (plastic cap)



Picture 2: FS125C1 back (plastic cap)

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5 USA Regulatory Statement:

The title “**CAUTION TO USERS**” or “**FCC WARING**”, “**NOTE**” or relevant title and “**Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.**” and

“**Note: 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.”**

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.**

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