1. Power the device and open the example Android app in the smartphone.
2. Activate one of the touch sensors to wake-up the device and start the NFC reading.
3. Bring the smartphone closer to the NFC antenna of the DH.
4. You will receive a light indication with each touch sensing and NFC correct reading.

01 FEATURES
- Lock and Unlock touch sensors.
- Pocket lighting.
- CAN-FD link with the ECU.
- Include basic Android app.
- Low power consumption.
- Secure communication.
- Resilient and effective in different weather conditions.
- Electronics designed to meet automotive standards.

02 OPERATION
1. Power the device and open the example Android app in the smartphone.
2. Activate one of the touch sensors to wake-up the device and start the NFC reading.
3. Bring the smartphone closer to the NFC antenna of the DH.
4. You will receive a light indication with each touch sensing and NFC correct reading.

APPLICATIONS
- Door handle for Smart Key (NFC) car access.
- Demo kit for developing Smart Key applications.

NFC ANTENNAS
- NFC module + Touch sensor + Pocket light
- KGEA-DH-NFCTS

NEW

03 SPECIFICATIONS

APPLICATIONS
- NFC module for Door Handle
- KGEA-DH-NFCTS

FEATURES
- NFC module + Touch sensor + Pocket light
- Application NFC

OPERATION
- NFC module
- Touch sensor + Pocket light
- KGEA-DH-NFCTS

DIMENSIONS (mm)

SCHERAMATIC DIAGRAM

ELECTRICAL SPECIFICATIONS
- Operating frequency: 13.56 MHz for NFC
- Operating voltage: 6-36 Vdc, 12 Vdc typ.
- Max. current consumption: 500 mA
- Sleep mode consumption: 300 uA
- NFC reading distance: 5cm with smartphone
- Waterproof, flammability: IP67, UL94-V0
- EMC testing: CISPR25, ISO7637-2, ISO11452-2, ISO11452-4, ISO10605
- Operating temperature: -40ºC to 85ºC

NEW

PREMO
GENERAL CATALOGUE 2021

NFC ANTENNAS