iButton Reader DS9092 and DS9092L

The **DS9092 iButton reader** is used to read and transfer the data from DS19xx series iButtons through the 1-Wire interface and enable the identification of the driver.

The **DS9092L iButton reader** is used to read and transfer the data from DS19xx series iButtons through the 1-Wire interface and enable the identification of the driver. This reader has an additional LED.

Both iButton readers show who is using the vehicle, at what time, and who is in charge of it. In case any discrepancies arise during the identification process, it is possible to block the vehicle's engine and notify the driver by an audio signal and send the warning to the monitoring and control system.

Applications

- Safety and Security

- Access control

- Local regulations

Key Features

- Driver and passenger identification

- Vehicle immobilization

Compatibility

✔ HCV5	✔ LCV5	✔ Pro5	⊘ Trace5
✔ FM-Tco4 HCV	✔ FM-Tco4 LCV	✔ FM-Pro4	✔ FM-Eco4 RS T
✔ FM-Eco4	✔ FM-Eco4 S	✔ FM-Eco4 T	⊘ FM-Plug4

Detailed specifications

	DS9092	DS9092L

Cable pinout

Wire color	Description	
Brown	1-Wire GND	Red LED power supply
Light gray	1-Wire data	1-Wire data
Dark gray	-	1-Wire GND
Yellow	-	LED GND
Green	-	Green LED power supply

Protections and ratings

Certifications	RoHS

Physical properties

Dimensions	Width: 11 mm Diameter: 21 mm
Weight	8 g
Connection cable length	400 mm

Ordering information

DS9092	Dallas iButton reader
DS9092LEDR	Dallas iButton reader (with LED)