

## Card Reader Mifare DESFire **MCR & MCR-K**



**MCR**



**MCR-K**

The completely potted RFID reader MCR Mifare is developed for easy mounting over a 55mm switchbox or for surface mounting, using the extra supplied mounting frame.

A wide selection of software programs and interfaces allows this reader to be used in all kind of applications. Furthermore, the RFID reader MCR is also available with integrated keypad.

Optionally, the RFID reader MCR or MCR/K can be supplied with integrated relay.

### **Following technologies are supported by MCR & MCR-Mifare:**

- ISO14443A
- Mifare
  - Classic 1k, 4k, Mini
  - DESFire EV1
  - Plus (RF identification protocols)
  - Ultralight
- LEGIC Advant

## Technical data:

- Dimensions:
  - In housing: 80 x 80 x 18 mm
  - In housing with mounting frame: 80 x 80 x 34 mm
  - PCB: 76 x 76 x 10 mm
  - Housing:
- Housing:
  - ABS ( Shock resistance)  
Colour black or white
  - Fully potted
- Interfaces:
  - TTL
  - RS232
  - RS485
  - Wiegand D0/D1
  - Clock/data
  - USB 2.0 (HID-Mode) and in transparent mode
- Supported Transponder:
  - ISO14443A
  - Mifare
    - Classic 1k, 4k, Mini
    - DESFire EV1
    - Plus RF (identification protocols)
    - Ultralight
  - LEGIC advant
- Antenna: internal
- Reading distance: up to 80 mm (depending on transponder type, ext. antenna and environment)
- Power supply:
  - 5,0 V DC
  - 9,0...24 V DC
- Temperature range: -20°C up to + 60°C