ID RW02

RFID CARD READER FOR ACCESS CONTROL SYSTEMS

– Multi-tag card reader for all common 125 kHz transponders
  (e. g. NXP HITAG, EM Read Only)

– RS232 and Data / Clock interface (Wiegand) or RS485

– Suitable for indoor- and outdoor use (IP54)

ID RW02.10-AD / -B is designed as a wall-mounted device for contactless data exchange with common 125 kHz transponders for applications like access control and time attendance.
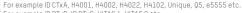
For power supply an external power supply unit is necessary, data exchange with a computer or other equipment is carried out via a serial (RS232 or RS485) or a Data / Clock interface (Wiegand).

RFID CARD READER FOR ACCESS CONTROL SOLUTIONS

LF wall-mounted reader with serial interface and Data / Clock interface

FEIG

Technical data

Dimensions (w x h x d)

Card Reader	84 mm x 84 mm x 22 mm
Wall-mounted housing	78 mm x 78 mm x 18 mm

Weight	approx. 150 g

Housing

Corpus	Plastic (ASA)
Front	Acrylic glass

Color

Corpus	white
Front	black

Protection class	IP54
Operating frequency	125 kHz
MTBF	307,000 h
Supply voltage	12 – 24 V AC/DC
Current consumption	max. 2.5 W
Supported transponders	125 kHz Read Only transponders[1]
	125 kHz Read / Write transponders[2]
Antenna	integrated, approx. 70 mm x 70 mm

Interfaces

ID RW02.10-AD	RS232 and Data / Clock (Wiegand)
ID RW02.10-B	RS485 (max. 32 devices / data bus)

LED	Bicolor (red / green / orange)
Buzzer	integrated
Relay	1 closer
Digital inputs	2 (max. cable length 3 m)
Read range	max. 7 cm[3]
Operation modes	Polling-Mode & Auto-Answer-Mode

Temperature range

Operation	–25 °C up to +70 °C
Storage	–40 °C up to +85 °C

Relative air humidity	max. 95 % (non-condensing)

[1 For example ID CTxA, H4001, H4002, H4022, H4102, Unique, Q5, e5555 etc.
[2 For example ID DTxB, ID DTxC, HITAG 1, HITAG S etc.
[3 Read ranges depend on the used transponders; here made statements relate on an inlet size of 76 mm x 45 mm (3.00 in x 1.78 in)

Standard conformity

Radio license

Europe	EN 300 330

EMC	EN 301 489
Safety & Health	EN 62368-1, EN 50364
Environment	RoHS-2002/95/EC, WEEE-2002/96/EC

ID RW02

Order description

ID RW02.10-AD/-B	RFID Card Reader

Scope of delivery

Card Reader ID RW02.10-AD or ID RW02.10-B
Wall-mounted housing for surface mounting
Installation manual