

Mid Range Reader ID RW12.ABC-A/-B (125 kHz)



FEATURES

- Multi-tag Reader for all common 125 kHz transponders
- Interfaces: RS232 and Data-/Clock interface or RS485
- Read ranges up to 35 cm



SHORT DESCRIPTION

RW12.ABC-A/-B has been especially designed for applications such as personal identification, access control and time recording.

RW12.ABC-A is equipped with a RS232- and a Data-/Clock interface, which can be operated in Wiegand- or Magnetic Card emulation.

RW12.ABC-B has a RS485 interface which allows a maximum of 32 devices per bus.

The emulation modes of the Data-/Clock interface make it easy to change from conventional identification readers to reader type ID RW12.ABC-A/-B.

ID RW12.ABC-A/-B can be easily adapted to the respective application by a software configuration.



ORDER DESCRIPTIONS:

ID RW12.ABC-A	Mid Range Reader
ID RW12.ABC-B	Mid Range Reader

Accessories:

ID AKL.12-A	Sticker Set for ID RW12/ID RWA12
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TECHNICAL DATA

Dimensions (W x H x D)	296 mm x 243 mm x 40 mm
Weight	approx. 1.200 g
Housing	Plastic ABS
Protection class	IP 54
Color	similar RAL 9002 (gray-white)
Operating frequency	125 kHz
Supply voltage	12...24 V AC / DC
Current consumption	max. 5 W
Antenna	integrated
Interfaces	
- ID RW12.ABC-A	RS232 & Data-/Clock interface (Wiegand emulation or Magnetic Card emulation)
- ID RW12.ABC-B	RS485 (max. 32 devices / bus)
Address configuration for interface	4-pole DIP-switch (16 addresses) or 254 addresses adjustable per software
LED	Bicolor
Beeper	integrated
Supported transponders	125 kHz transponders*
Relay	1 closer
Digital inputs	2x configurable (maximum supply line of 3 meters)
Temperature range	
Operation	-25 °C up to 70 °C
Storage	-25 °C up to 70 °C
Relative air humidity	5...95 % (non-condensing)
EEPROM	10.000 write cycles

* For example EM 4001, EM 4002, EM 4022, EM 4102, Unique, HITAG 1, HITAG S, Q5, 555x etc.