

Mid Range Reader ID RWA12.ABC-A/-B (125 kHz)



FEATURES

- Multi-tag reader for all common 125 kHz transponders
- Interfaces: RS232 and Data-/Clock interface or RS485
- Read range of up to 35 cm
- Reader has its own local intelligence, the most important functions of the reader can be configured to support an offline operational mode



SHORT DESCRIPTION

ID RWA12.ABC-A/-B has been especially designed for applications such as personal identification, access control and time recording.

ID RWA12.ABC-A is equipped with a RS232- and a Data-/Clock interface, which can be operated in Wiegand- or Magnetic Card emulation.

ID RWA12.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 RWA12.ABC-A/-B.

ID RWA12.ABC-A/-B can be easily adapted to the respective application by a software configuration.

The reader has its own local control. Therefore it can work both online as well as in the offline mode, for example as an independent reader which operates separated from the host.



ORDER DESCRIPTION

ID RWA12.ABC-A	Mid Range Reader
ID RWA12.ABC-B	Mid Range Reader

Accessories:

ID AKL.12-A	Sticker Kit 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 (grey-white)
Operating frequency	125 kHz
Supply voltage	12...24 V AC / DC
Current consumption	max. 5 W
Antenna	integrated
Interfaces	
- ID RWA12.ABC-A	RS232 & Data/Clock interface (Wiegand emulation or Magnetic Card emulation)
- ID RWA12.ABC-B	RS485 (max. 32 devices per bus)
Address configuration for interface	4-pole DIP-switch (16 addresses) or 254 addresses adjustable per software
LED	1 (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.