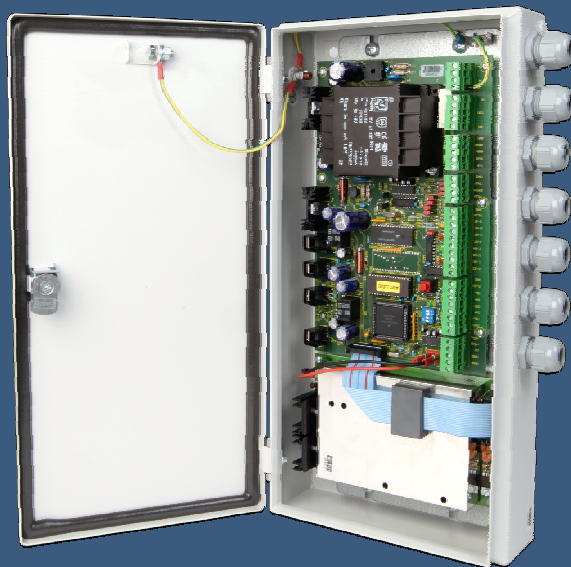


OBID® classic

Long Range Reader ID RW24.ABC-A (125 kHz)



FEATURES

- Multi-tag Reader for all common 125 kHz transponders
- Interfaces: RS232, RS485, RS232-TTL and Data-/Clock
- Read range up to 70 cm



SHORT DESCRIPTION

RW24.ABC-A has been especially designed for applications such as personal identification and access control. It is suitable for applications with large read ranges.

The multi-tag reader is equipped with an asynchronous interface (RS232 or RS485) and a synchronous Data-/Clock interface, which can be operated in Wiegand- or Magnetic Card emulation.

The emulation modes of the Data-/Clock interface make it easy to change from conventional identification readers to reader type ID RW24.ABC-A.

ID RW24.ABC-A can be easily adapted to the respective application by a software configuration.

ORDER DESCRIPTION

ID RW24.ABC-A Reader for external antenna

Accessories:

ID ANTRW.8060R-A Loop antenna for ID RW24.ABC-A
 ID ANTRW.8060R-B Loop antenna for ID RW24.ABC-A
 ID ANTRW.8060-A Antenna shield for ID RW24.ABC-A
 ID ANTRW.8060R-C Loop antenna for ID RW24.ABC-A with longer stand
 ID ANT.BS100-A Antenna kit for ID RW24.ABC-A
 ID AT-A Automatic antenna tuning for ID RW24.ABC-A

TECHNICAL DATA

Dimensions (W x H x D)	400 mm x 230 mm x 80 mm
Housing	Steel, powder-coated, lockable hinged lid
Protection class	IP 54
Color	RAL 7032
Operating frequency	125 kHz
Supply voltage	230 V AC (50Hz) +/- 15%
Current consumption	60 VA
Antenna	1 x connector for external antenna
Outputs	
Transistor outputs	4 x galvanic isolated Loading capacity of contact: 24 V DC / 30 mA
Relay	1 x changer; loading capacity of contact: 250 V AC / 125 VA 220 V DC / 60 W
Inputs	2 x Optokoupler, electr. isolated max. 24 V DC / 20 mA 1 x Sabotage kontakt (optional) Optokoupler, electr. isolated max. 24 V DC / 20 mA
Interfaces	RS232, RS485, RS232-TTL, Data-/Clock (5V); Wiegand- or Magnetic Card emulation
Address configuration for interface	3-pole DIP-switch (8 addresses) or addresses adjustable per software
LEDs	5
Supported transponders	125 kHz transponders*
Temperature range	
Operation	-25 °C up to 55 °C
Storage	-25 °C up to 55 °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.