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.

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: 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 contact (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: 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.

FEIG ELECTRONIC reserves the right to change specification without notice at any time. Stand of information: September 2011.

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 ID Antenna shield for ID RW24.ABC-A
- 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

For more information: www.rfidcanada.com
Email: info@rfidcanada.com
+1 905-513-8919