RDK-4 Product specifications

The RDK-4 is a proximity reader with keypad, compatible with the AXS-100 access control system.

The system is designed to limit access to restricted areas, while permitting authorized people to enter. The RDK-4 can be programmed by the installer to offer one of three security levels for opening the door:

1. Valid tag only.

2. Valid tag and user PIN (Personal Identification Number) code.

3. Password only.

It is recommended to install the RDK-4 on a wall outside the protected area, and the AXS-100 control unit inside the protected area.

Proximity access cards or tags are used as keys to open doors. When presented to an RDK-4, the access card or tag emit a coded RF signal that is read by the proximity reader. The reader prompts the user for a 4-digit PIN code (applicable to security level 2). When the correct PIN code is typed, the control unit verifies that the card is valid and makes the decision as to whether it should energize an output relay that releases the lock. All activity involving the proximity readers is recorded and logged by the AXS-100 access control system.

SPECIFICATIONS

Power input: 12-16V DC From the AXS-100

Buttons: 12 (numeric keypad)

Frequency: 125 kHz

Tag reading range: 50 - 100 mm (2 - 4 in.)

Tag codes possibilities: 1012 possible combinations.

Weight: 170 g (6 oz)

Dimensions (L x W x D): 122 x 82 x 31 mm (4 - 13/16 x 3 - 1/2 x 1 - 1/4 in.)

Operating temperature: -20°C to 50°C (-4°F to 122°F)