**BOSCH**

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# ARD-AYCF64 - RFID with keypad



- ▸ **Smooth and attractive design with indoor and outdoor operation**
- ▸ **Large red backlit keypad**
- ▸ **Supports up to 8 digit PINs**
- ▸ **Can read RFID cards and tags with 125 kHz (EM) technology**
- ▸ **Two tri-colored LEDs and an integrated sounder for programming and operation**

The ARD-AYCF64 offers programmable PIN and proximity transmission formats. The red backlit keypad is clearly visible day or night. With the rugged ultraviolet-resistant housing and the waterproofed enclosure the reader is suitable for outdoor installation.

## Certifications and Approvals

Europe: CE

## Installation/Configuration Notes

Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening.

## Parts Included

- 60 cm shielded interface cable
- User manual

## Technical Specifications

### Electrical Characteristics

| | |
|---|---|
| Operating voltage range | 5 – 16 Vdc |
| Maximum input current | Standby: 105 mA @ 12 Vdc<br>Read: 140 mA @ 16 Vdc |
| Proximity card reader | Max. read range*: 80 mm<br>Modulation: ASK @ 125 kHz<br>Compatible cards: all 26-Bit EM cards |
| Tamper output | Open collector, active low,<br>max. sink current 32 mA |

### Operational Characteristics

| | |
|---|---|
| Keypad | 3 x 4 keys for local programming and 4 to 8 digit PIN codes entry |
| Design | Epoxy potted, fully sealed in a rugged polycarbonate enclosure. Red illuminated rubber keys. Suitable for harsh environments. |
| Audi/Visual | Two tri-color LED indicators, built-in buzzer |
| LED control | Dry contact, N.O. |
| Facility code | Programmable |
| Card read format | Selectable Wiegand 26 Bits or Clock&Data |
| PIN code formats | 8 selectable formats, from 1 to 8 digit length PIN codes |

**Electrical Characteristics**

**Environmental Characteristics**

| | |
|---|---|
| Operating temperature range | -30 ℃ to 65 ℃ |
| Operating humidity | 0 to 95% (non condensing) |
| Environment class | IP 65 |

**Physical Characteristics**

| | |
|---|---|
| Dimensions (H x W x D) | 120 x 76 x 21 mm |
| Weight | 215 g |

\* Range also depends on electrical environment and proximity to metal.

## Ordering Information

| | |
|---|---|
| **ARD-AYCF64 - RFID with keypad**<br>Outdoor backlit keypad reader for 125 kHz EM technology. | **ARD-AYCF64** |