

DHI-ASF180B-V1

Magnetic Lock



- Built of aluminum alloy and treated with surface oxidation, making it suitable for indoor scenes.
- Embedded reverse current protection equipment.
- Built with anti-wear materials and has an anti-residual magnetism design.
- Displays the status with the LED indicator.
- 5-wire that supports door detector signal feedback.
- Has a long service life, allowing it to be powered on up to 40,000 times as indicated by the aging test.
- Completely relies on the electromagnetic force and is free from mechanical failure.
- Automatically unlocks the door when the device is powered off.
- Suitable for doors made of a variety of materials such as wood, glass.
- Compatible with all Dahua access control devices, and other mainstream access control devices.

DHI-ASF180B-V1

Technical Specification

Basic

| | |
|--------------------------|--|
| Product Type | Magnetic lock |
| Casing Material | Aluminum alloy |
| Surface Treatment | Electroplating and drawing |
| Suction Plate Dimensions | 180 mm × 38 mm × 13 mm (7.09" × 1.50" × 0.51") (2 pcs) |
| Function | |
| Signal Output | COM/NO/NC |
| Door Status Detection | 1, relay |
| Security | Open while power off |

Performance

| | |
|--------------|---|
| Max Tension | 180 kg (396.83 lb) (2 pcs), tensile force |
| Unlock Angle | 90° |

General

| | |
|---------------------------|---|
| Applicable Door Thickness | 5 cm–15 cm (1.97"–5.91") |
| Power Adapter | Optional |
| Power Supply | 12 VDC, 370 mA (2 pcs) |
| Power Consumption | ≤9 W (working) |
| Lifespan | 40000 |
| Product Dimensions | 360 mm × 40 mm × 21.5 mm (14.17" × 1.57" × 0.85") |
| Packaging Dimensions | 385 mm × 210 mm × 250 mm (15.16" × 8.27" × 9.84") |
| Operating Temperature | -20 °C to +55 °C (-4 °F to +131 °F) |
| Operating Humidity | 5%–95% (RH), non-condensing |
| Operating Environment | Indoor |
| Gross Weight | 2.3 kg (5.07 lb) |
| Accessory | DHI-ASF180ZL-V1, DHI-ASF180L-V1, and DHI-ASF180U-V1 |
| Installation | Surface Mount |
| Anti-corrosion Level | Basic Protection |

Ordering Information

| Type | Part Number | Description |
|---------------|----------------|---------------|
| Magnetic Lock | DHI-ASF180B-V1 | Magnetic Lock |

Accessories

Optional:



DHI-ASF180ZL-V1
Magnetic Lock Bracket



DHI-ASF180U-V1
Magnetic Lock Bracket



DHI-ASF180L-V1
Magnetic Lock Bracket

Dimensions (mm[inch])

