Application
Providing performance and reliability, HID’s attractive, unobtrusive ThinLine® II proximity card reader is housed in a two-piece, weatherproof secure potted enclosure.

Features
- Easily installed and maintained with the use of replaceable covers.
- Available with a Wiegand or Clock-and-Data interface.
- Provides high reliability, consistent read range and low power consumption.
- Features include multicolor LED and internal control or host control of the LED and beeper.
- Mounts directly on metal with minimal impact on the read range performance.
- Aesthetic design available in two cover designs and four colors to match any décor.
- Includes multilingual installation manual.
Features

**Mounting**
Mounts on a single-gang electrical box for easy installation.

**Audiovisual Indication**
A red LED flashes green and the beeper sounds when reader is presented with a proximity card. The multicolor LED and beeper can also be controlled individually by the host system.

**Diagnostics**
On reader power-up, an internal self-test routine checks and verifies the setup configuration, determines the internal or external control of the LED and beeper and initializes reader operation.

**Indoor/outdoor Design**
Sealed in a rugged, weatherized polycarbonate enclosure designed to withstand harsh environments, providing reliable performance and a high degree of vandal resistance.

**Easily Interfaced**
Wiegand output model interfaces with all existing Wiegand protocol access control systems. Clock-and-Data (magnetic stripe) model interfaces with most systems that accept magnetic stripe readers.

**Security**
Recognizes card formats up to 85 bits, with over 137 billion unique codes.

**Warranty**
Lifetime warranty against defects in materials and workmanship (see complete sales policy for details).

**Part Numbers**
Base Part No.: 5395 Wiegand interface
Base Part No.: 5398 Clock-and-Data interface
Description: Tri-State LED, internal beeper on

**Options**
- CLASSIC series cover in white, beige, charcoal gray or black (or)
- Designer series cover in white, wave blue, charcoal gray or black
- LED and beeper operation

(please see “how to order guide” for a description of the options and associated part numbers.)

Specifications

**Typical Maximum* Read Range**
- ProxCard® II card - up to 5.5" (14 cm)
- ISOPROX® II card - up to 5" (12.7 cm)
- DuoPROX® II card - up to 5" (12.7 cm)
- Smart ISO®/DuoPROX® cards - up to 5" (12.7 cm)
- Proximity & MIFARE® card - up to 5" (12.7 cm)
- ProxCard® Plus card - up to 1.5" (3.8 cm)
- ProxKey® II keyfob - up to 2" (5.1 cm)
- MicroPROX® Tag - up to 3" (7.6 cm)
- *Depending on local installation conditions.

**Dimensions**
- 4.70” x 3.00” x 0.68” (11.9 x 7.6 x 1.7 cm)

**Material:** Polycarbonate UL 94

**Power supply:**
- 5-16 VDC
- Linear power supplies are recommended.

**Current requirements:**
- Average: 30 mA (5 VDC); 20 mA (12 VDC)
- Peak: 110 mA (5 VDC); 115 mA (12 VDC)

**Operating temperature:**
- -22° to 150° F (-30° to 65° C)

**Operating humidity:**
- 0-95% relative humidity non-condensing

**Weight:**
- 3.3 oz. (94 gm)

**Transmit frequency:**
- 125 kHz

**Excite frequency:**
- 125 kHz

**Cable distance:**
- Wiegand interface: 500 feet (150 m)
- Clock-and-data interface: 50 feet (15 m)
- Recommended cable is ALPHA 1295 (22 AWG) 5 conductor minimum stranded with overall shield or equivalent. Additional conductors may be required for LED or beeper control.

**Environmental:**
- IP55

**Certifications:**
- UL294/cUL (US), FCC Certification (US), IC (Canada), CE (EU), C-tick (Australia, New Zealand), SRRC (China), NCC (Taiwan), MIC (Japan), IDA (Singapore), RoHS

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