PHYSICAL ACCESS SOLUTIONS

ThinLine® II Reader

LOW PROFILE PROXIMITY CARD READER

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

- 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.

3.00” 7.62 cm
1.73 cm 68”
4.70” 11.94 cm

5.00” 12.70 cm
4.02” 10.21 cm
3.28” 8.33 cm
FEATURES

- **Security** - Recognizes card formats up to 85 bits, with over 137 billion unique codes.
- **Audiovisual Indication** - A red LED flashes green and the beeper sounds when a proximity card is presented. 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. An additional external loop-back test allows for the reader outputs and inputs to be verified without the use of additional test equipment.
- **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.
- **Options** - LED and beeper operation

SPECIFICATIONS

<table>
<thead>
<tr>
<th><em>Model Name</em></th>
<th>ThinLine® II</th>
</tr>
</thead>
</table>
| **Model Number** | 5395 Wiegand interface  
5398 Clock-and-Data interface |

**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 key fob - up to 2” (5.1 cm)
- MicroProx® Tag - up to 3” (7.6 cm)

**Mounting**
- Mounts on a single-gang electrical box for easy installation.
- Mounts directly on metal with minimal impact on read range performance.

**Color**
- • CLASSIC series cover in gray, beige, black or white (or)
- • Designer series cover in grey, wave blue, black or white

**Keypad**
- No

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

**Power Supply**
- 5-16 VDC (Linear power supplies are recommended.)

**Power Requirements (Standard Power)**
- 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 noncondensing

**Transmit Frequency**
- 125 kHz

**Environmental**
- IP55

**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.

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

**Housing Material**
- UL94 Polycarbonate

**Warranty**
- Lifetime

*Consult How to Order Guide for specific ordering instructions.
**Dependent upon installation conditions

ASSA ABLOY
An ASSA ABLOY Group brand

© 2011 HID Global Corporation. All rights reserved. HID and the HID logo are trademarks or registered trademarks of HID Global in the U.S. and/or other countries. All other trademarks, service marks, and product or service names are trademarks or registered trademarks of their respective owners.

2011-06-06-prox-thinline-ii-reader-ds-en

hidglobal.com