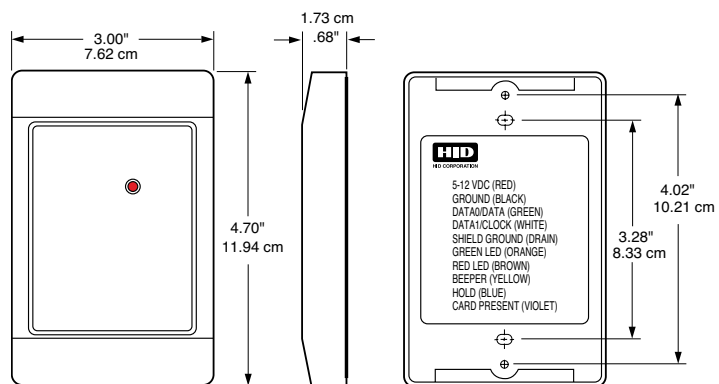**HID**®

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

HID
HID CORPORATION

5-12 VDC (RED)
GROUND (BLACK)
DATA0/DATA (GREEN)
DATA1/CLOCK (WHITE)
SHIELD GROUND (DRAIN)
GREEN LED (ORANGE)
RED LED (BROWN)
BEEPER (YELLOW)
HOLD (BLUE)
CARD PRESENT (VIOLET)

4.02"
10.21 cm

3.28"
8.33 cm

HID®

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 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. 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

*Model Name	ThinLine® II
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

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