SECTION 00 00 000 – SECTION NAME

1. GENERAL
	* + 1. WARRANTY
				1. Special Warranty:

**EDIT** - Verify

Warranty Period: Years from date of Substantial Completion, for durations indicated.

**EDIT** - Retain applicable subparagraphs below.

The Proximity card readers shall provide a lifetime warranty against defects in materials and workmanship.

1. PRODUCTS
	* + 1. access control reader OPTION – Schlage Open
				1. Manufacturer:

Scheduled Manufacturer: Schlage® PR10, No substitutes will be accepted

Acceptable Substitute: **No Acceptable Substitute**

* + - * 1. Requirements: Proximity Card Reader

Access control card readers shall be as manufactured by a global company who is a recognized leader in the production of access control devices. Card reader manufactured for non-access control applications shall not be acceptable.

Provide surface mounting style 125 KHz proximity card readers suitable for door or window mullion mounting.

The reader shall be capable of reading access control data in standard Wiegand formats up to 37 bits in length from any Schlage Proximity card or equivalent, outputting the data in the following configuration:

The card reader shall output credential data in compliance with the SIA AC-01 Wiegand standard, compatible with all standard access control systems.

Proximity card readers shall provide the following programmable audio/visual indication:

A buzzer shall provide an audible tone upon successful power up/self-test, good card read, or whenever the beeper control line is asserted by the host.

A tri-color, red/green/amber LED shall light upon successful power up/self-test, good card read, or whenever the LED control line(s) are asserted by the host.

The reader shall have individual control lines for the buzzer, and for red and green LED indication. When the LED control lines are asserted simultaneously, an amber LED indication will occur.

The reader shall have a configurable hold input, which when asserted shall either buffer a single card read or disable the reader, until the line is released. This input may be used for special applications or with loop detectors.

Typical proximity card read range shall be up to:

Prox ISO Card: 2.5 – 5" (6.5 – 12.5 cm)

Prox Clamshell Card: 3.5 – 4.0" (9.0 – 10.0 cm)

Prox Keyfob/Tag: 1.25 - 1.75" (3.2 - 4.5 cm)

Proximity card readers shall meet the following physical specifications:

Dimensions: 4.26 x 1.72 x 0.84” (10.8 x 4.4 x 2.1 cm)

Weight: 7.2.oz (204.16 g)

Material: UL94 Polycarbonate

Three-part design with back plate, potted reader and aesthetic cover.

Color: Black, Gray, Brown or Cream as approved by the project architect.

Proximity card readers shall meet the following electrical specifications:

Operating voltage: 5 – 16 VDC, reverse voltage protected. Linear power supply recommended.

Current requirements: 65 mA DC, 110 mA DC Peak @ 12 VDC.

Proximity card readers shall meet the following certifications:

FCC Certification (US)

CE (EU)

C-tick (Australia, New Zealand)

R&TTE Directive (15EU)

UL294 (US)

CAN/ULC-S319

IC (Canada)

Proximity card readers shall meet the following environmental specifications.

Operating temperature: -31 to 151 degrees F (-35 to 67 degrees C)

Operating humidity: 5% to 95% relative humidity non-condensing

Weatherized design suitable to withstand harsh environments

Certified rating of IP65

Proximity card readers cabling requirements shall be:

Cable distance: (Wiegand): 500 feet (150m)

Cable type: 5-conductor #22 AWG

Standard reader termination: 18” (0.5m) wire harness

1. EXECUTION

no part 3 INFORMATION IS CONTAINED IN THIS Template.

END OF SECTION

If you require technical specifications or additional information on these products, please visit the Allegion website [here](http://us.allegion.com/en/home/products/categories/readers.html).