SECURITY MANAGEMENT SYSTEM (SMS)

VRINX Reader Interface

Overview

The VRINX Reader Interface offers a cost effective, modular approach to access control system design in all environments. Vanderbilt Industries Reader Interfaces can be used in smaller systems as well as large installations with thousands of readers. The VRINX communicates directly with the Vanderbilt Reader Controller. Vanderbilt VRINX Reader Interfaces are capable of running in degraded mode, allowing for local decision making, if communication fails between the Reader Interface and the Reader Controller. Includes enclosure.

KEY FEATURES

- VRINX connects one read head to a Vanderbilt reader controller via RS-485 protocol
- Supports proximity, smart card, magnetic stripe, biometrics, bar code and Wiegand technologies
- Two Form "C", single pole/double throw, mechanically latching 1 A relay outputs
- Four supervised or unsupervised contact inputs
- Degraded mode
- Metal enclosure with hinged and dual screw door
- On board connection for tamper switch
- Tamper switch, lock and key option available

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Specifications

Dimensions	3-13/16" H x 3-13/16" W x 3/4" D
Enclosure	7-1/2" H x 8-1/4" W x 2-3/4" D
Power Requirements	14 - 24VDC, can be powered from reader controller or locally
Power Consumption	120mA (without read heads)
Ambient Temperature	0°C to 49°C or 32°F to 120°F
Humidity	10% to 90% (non-condensing)
Recommended Cable	18 AWG/2 COND, Stranded, Shielded, Twisted (RS485data only)

Maximum RS485 (data) distance between reader controller to VRINX is 4,000 feet with local power. RS-232 communication also available.

UL 294 Approved

Ordering Information

VRINX	Single Reader Interface

Note: VRINX can be ordered without enclosure. Use (NB) to specify no box.

OPTIONS

VLOCK	Enclosure Lock (comes with (2) keys, tamper switch and cables)

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