

# VertX™ V300

## Control up to 12 outputs with one board

The HID VertX™ products provide a complete and fully featured infrastructure for meeting your most demanding access control needs. The V300 Output Control Interface contains 12 latching relays which can connect up to 12 devices controllable by simple contact closures such as logic inputs for process equipment, HVAC, doors, and elevator control panels. It also has two general purpose inputs.

Outputs are implemented using Form-C (NO/NC) relays and can be used for fail-safe or fail-secure lock operation. Relays support "On", "Off", and "Pulse" commands. Inputs can be individually set to be normally-open or normally-closed, can be configured as either supervised or unsupervised, and can be masked.

### Features

- Relays support "On", "Off", and "Pulse" commands
- Inputs configurable as supervised or unsupervised
- Allows complex input/output linking
- Tamper, AC fail, and battery fail inputs

Each input can also be set for sensitivity ranges, and end-of-line resistance values. Relay operation and alarm masking may be initiated by operator action, time schedule, or triggered by an event. Events generated by the V300 can be used to trigger actions locally or on other sub-controllers attached to the same controller.

The V300 used a high speed, two-wire, multi-drop RS-485 interface to communicate with the controller which resides on an Ethernet network. Status change, command, and configuration information are exchanged with the controller. The controller is managed by a host computer using industry-leading AccessNsite® software, but runs independently when not communicating with the host.

- Field upgradable firmware
- Attractive polycarbonate enclosure with silk-screened input labeling

- UL listed 294/1076
- 18 month limited warranty

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## VertX™ V300 Specifications

### Power Supply Requirements

- 255 mA @ 12-16 VDC

### Communication Ports

- RS-485 – two wire

### Inputs

- 2 General purpose, supervised
- AC Power Fail
- Battery Fail
- Tamper

### Outputs

- 12 General purpose Form-C, 2A @ 30 VDC

### Dimensions

- 5.8"W x 4.825"H x 1.275"D (147.32 mm x 122.55 mm x 32.38 mm)

- 13.6 oz (0.38 kg)

### Operating Temperature

- 32° to 122° F (0° to 50° C)

### Operating Humidity

- 5% to 95% RHNC

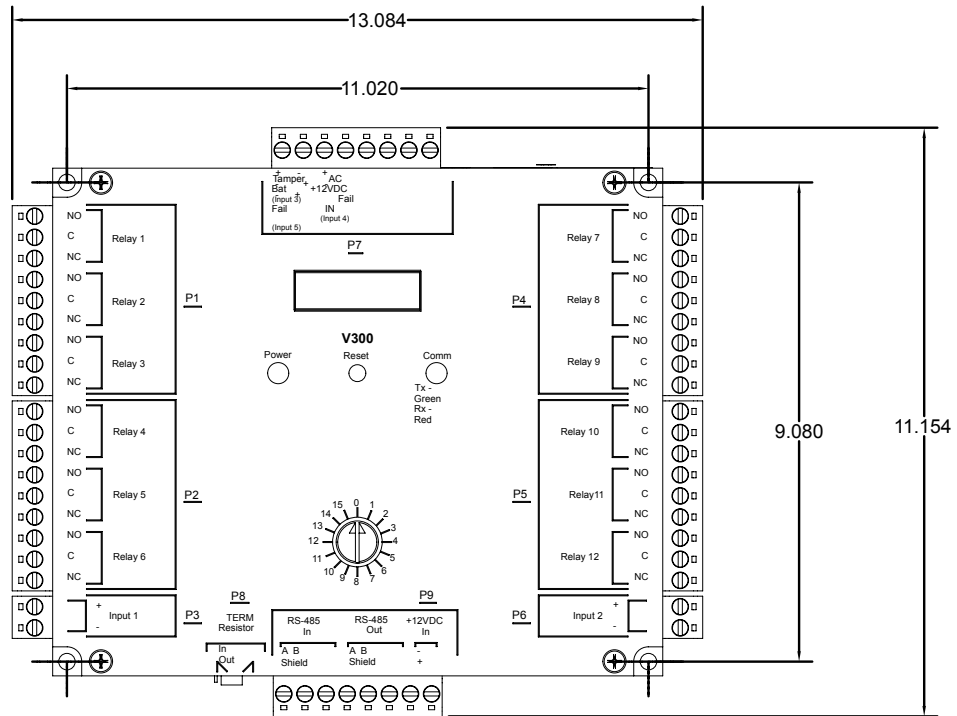
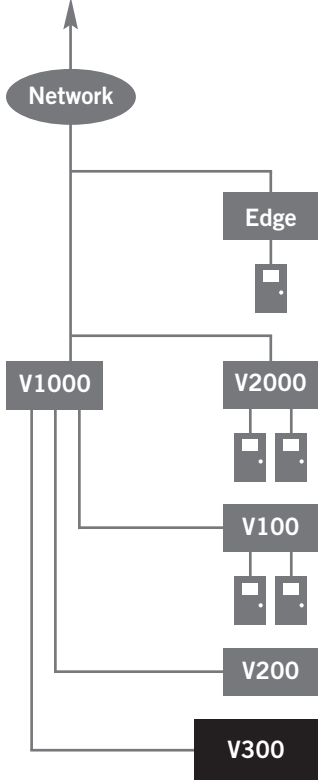
UL 294 and UL 1076 Recognized Component for the US  
 CSA 205 for Canada, FCC Class A Verification, EMC for Canada, EU (CE Mark), Australia (C-Tick Mark), New Zealand, Japan, EN 50130-4 Access Control Systems Immunity for the EU (CE Mark)

### Weight

### Certifications



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\* For a list of pre-configured enclosures, see Quintron's "Enclosures" brochure.