The VeriSafe™ Access Control Kit provides an added layer of protection by preventing enclosure doors from being opened until the absence of voltage is confirmed. The Access Control Kit provides an integrated solution that can be added to new or existing AVT installations. When the AVT confirms the absence of voltage, a signal is sent to disengage the lock. The system can be powered by auxiliary power within the enclosure or via an optional battery. The kit contains the components and hardware necessary to incorporate this functionality into electrical enclosures.

**components**

- VeriSafe™ Absence of Voltage Tester (not included)
- VeriSafe™ Access Control Kit
- Access Control Battery Kit

**key features and benefits**

**Smart Technology:**
- Prevents enclosure from being access until absence of voltage is confirmed by AVT
- Monitor latch status (optional)
- Monitor door status (optional)

**Enhanced Safety:**
- Protects personnel from electrical hazards
- Latch automatically relocks upon closure
- Remains locked if auxiliary power is lost

**Ease of Installation:**
- Key hardware included for quick and easy installation
- Flexible design for use with multiple enclosure types
- Use existing 12-24Vdc power or optional battery

**Robust Design:**
- Heavy-duty locking mechanism
- Includes mechanical override
- Compatible with Type (NEMA, CSA, UL) 4 and 12 enclosures
Latch Assembly Specifications

- Rated NEMA/UL/CSA Type 4 and 12
- Operating Temperature: -13°F to 140°F (-25°C to 60°C)
- Power Input: 12-24 Vdc or Battery
- Operating current: less than 500mA at 12Vdc
- Push-to-close latch with electronic release
- Heavy duty cast aluminum striker
- Integrated latch and override mounting bracket
- Includes keyed mechanical override
- Outputs provide feedback on status of latch and door position (optional)
- Panel lip range ¼" - 5⅜" with ⅛" increments
- Use on independent door handles only

Battery Specifications (optional)

- Operating Temperature: -40°F - 140°F (-40°C - 60°C)
- Mountable via DIN rail or side panel
- Estimated capacity: 1 cycle per week for 10 years
- ANSI-1604LC

Schematic

Latch Wiring Connections

1. Ground (-)
2. Power (+)
3. Control Signal from AVT
4. Latch Status (optional)
5. Not Used
6. Door Status (optional)

Power Source
12-24 Vdc Power or Battery

Electronic Latch

Latch Status
Door Status

VeriSafe™ AVT Isolation Module
Output Contacts SIL 3 (IEC 61508)

VeriSafe™ Access Control Battery Kit

Maximum Lip Range
Back View

VeriSafe™ Access Control Kit

Top View