CeLAN

Barrier Controller-EZ

CeLAN Vehicle Barrier System Module—EZ

Product Part
Ce-VBS-EZ

Datasheet:
DS-CE-VBS-EZ Rev A1

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11 Supervised Digital Inputs
12 and 24 VDC outputs
Onboard 2x16 LCD display

Up to 32 GB event memory can store up to 260 million events

Advanced AES encrypted protection for new and existing security alarm installations.
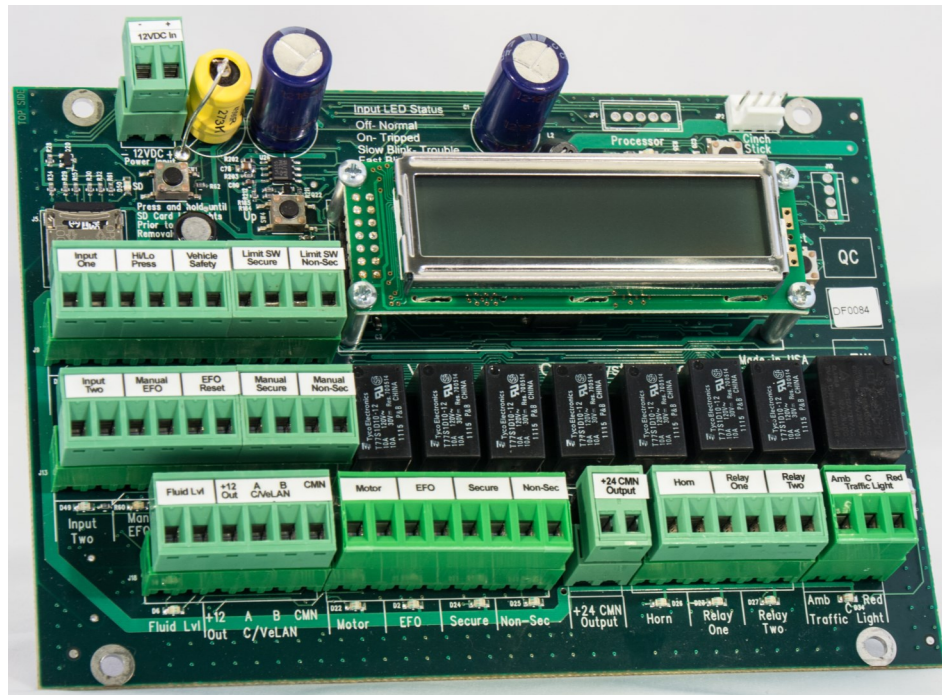
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AES Encrypted
FIPS 197 Cert# 1125

Flexible and Scalable

The Ce-VBS-EZ Module provides a microprocessor based standalone vehicle barrier system or a multi-barrier system when used with the Rampart Central Controller. The module's cost effective COTS design provides a simple to install barrier solution with unparalleled ease of use and security.

Mission-driven performance

SCIFs
Icon Sites
Embassies
Command Centers
Critical Infrastructure

Advanced metrics, maintenance tracking, high reliability

Qtr Fluid Check
2 Days

CINCH systems

Simple ◄► Secure ◄► State of the Art

AES ENCRYPTED

Specifications

Input Power: 12 VDC nominal (10 VDC minimum, 14 VDC maximum), 300mA maximum (standby board only)

Output Power: 24VDC or 12VDC

Input Supervision: 3.0K ohm resistor

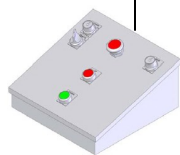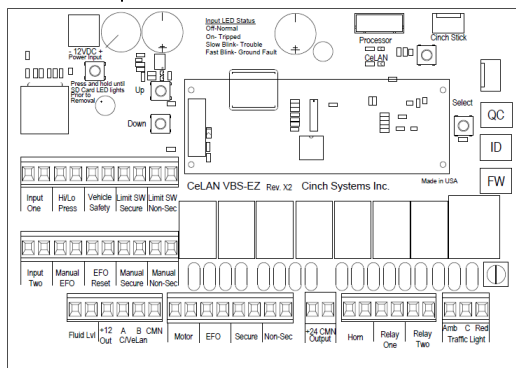**Outputs:** 7 Form A relays and 1 Form C relay rated at 10A @120VAC and 10A @ 30VDC

Board Dimensions: 6.5 (L) X 4.57 (W)

Operating Temperature: 23° to 131° F (-5° to 55° C). Up to 140° F or 60° C under temporary conditions.

Storage Temperature: 23° to 131° F (-5° to 55° C)

Maximum Humidity: 90% relative humidity, non-condensing

Vehicle Barrier Inputs

Manual EFO Button	Linear Position
Manual EFO Reset	Fluid Level
Gate Arm	Hi/Lo Pressure
Card Reader	Gate Arm
High/Low Pressure	Reader Valid
Traffic Safety 1	Cylinder Heater Current
Traffic Safety 2	
Manual Up Button	
Manual Down Button	
Limit Switch Secure	

Vehicle Barrier Outputs

EFO Valve Relay	Warning Horn Relay
Non-Secure Valve Relay	Traffic Light Red
Secure Valve Relay	Traffic Light Amber
Motor Run Relay	Limit UP Status Output
Gate Arm	Limit Down Status Output

12VDC input power from a power supply capable of supplying a minimum 5A .

Manual Buttons

Safety Loops

Hydraulic Unit

CINCH

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