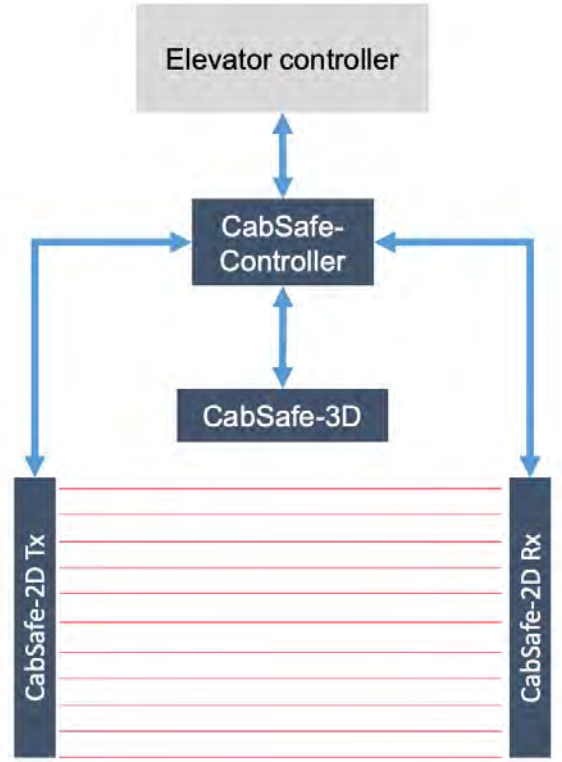
Introducing CEDES CabSafe™ System

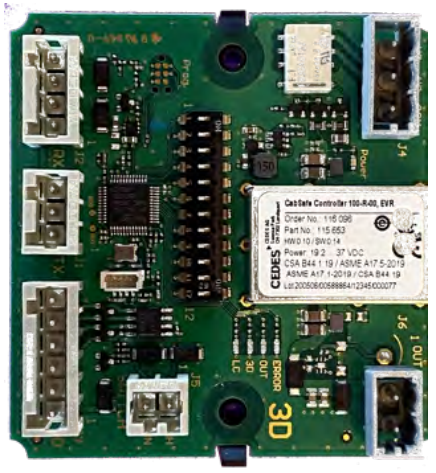
CabSafe™ System Overview

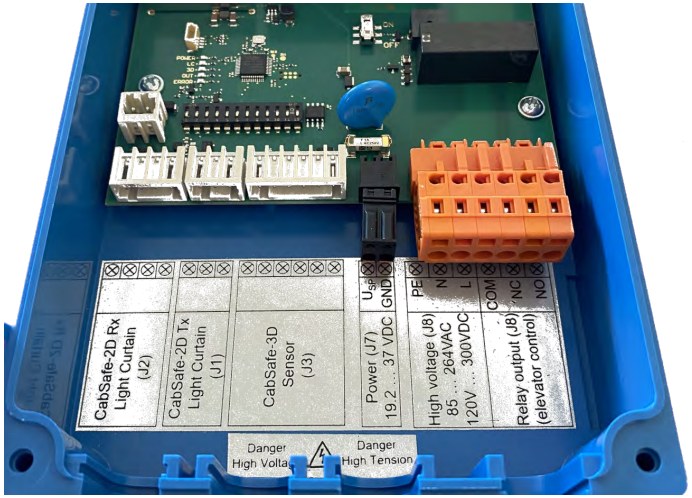
- The CEDES CabSafe™ System consists of three main components:
  - A CabSafe Controller
    - Manages signals from sensors
    - Performs logic for the system
    - Responsible for rendering inoperative
  - A CabSafe 2D Light Curtain (cegard/Pro)
    - Most-often mounted on the Elevator Cab Doors
    - Monitors for persons or objects located between the elevator doors
  - A CabSafe 3D TOF Sensor
    - Mounted in or on the Elevator Cab Transom
    - Monitors for persons or objects approaching the elevator cab entrance



CabSafe™ Controller

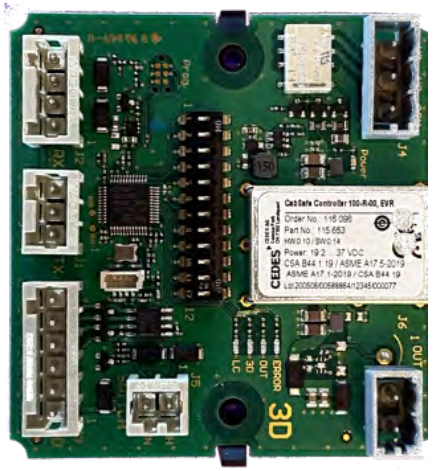
- The CabSafe Controller brings the connections of all devices into a single location
- It provides system configuration functionality
  - DIP Switch Configuration
  - Defines application details
  - Configures the same, regardless of controller variant
- Logic is performed in accordance with the 2019 Code requirements and a single output represents the overall system state

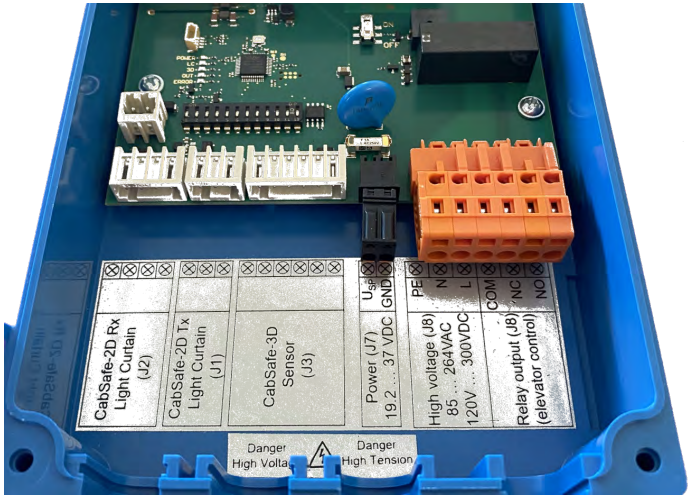




CabSafe™ Controller

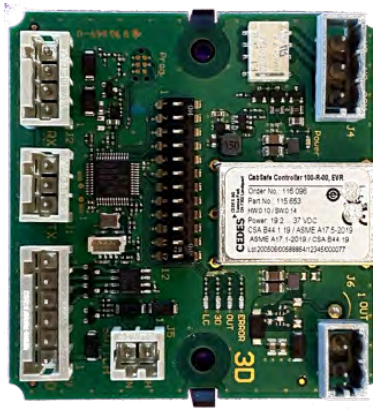
- Fulfills the self-monitoring requirements outlined in the Code for the 2D and 3D detection means:
  - Device outputs are either FSSL or Serial Communication
  - The detection means (2D/3D) are tested on a continuous basis
  - Testing includes when the door is in the fully open position and prior to the initial of a close.





CabSafe™ Controller

- Several product variants available
  - **CabSafe 100** Controllers (low-voltage DC incoming power)
    - 19.2 to 28.8 V DC PCB with Solid State Output on PCB Carrier
    - 19.2 to 37.0 V DC PCB with Relay Output on PCB Carrier
    - 19.2 to 28.8 V DC PCB with Solid State Output in IP54 Enclosure
    - 19.2 to 37.0 V DC PCB with Relay Output in IP54 Enclosure
  - **CabSafe 200** Controllers (Wide-Ranging Power Supply)
    - 19.2 - 37, 85 to 264 V AC with Relay Output in IP 54 Enclosure

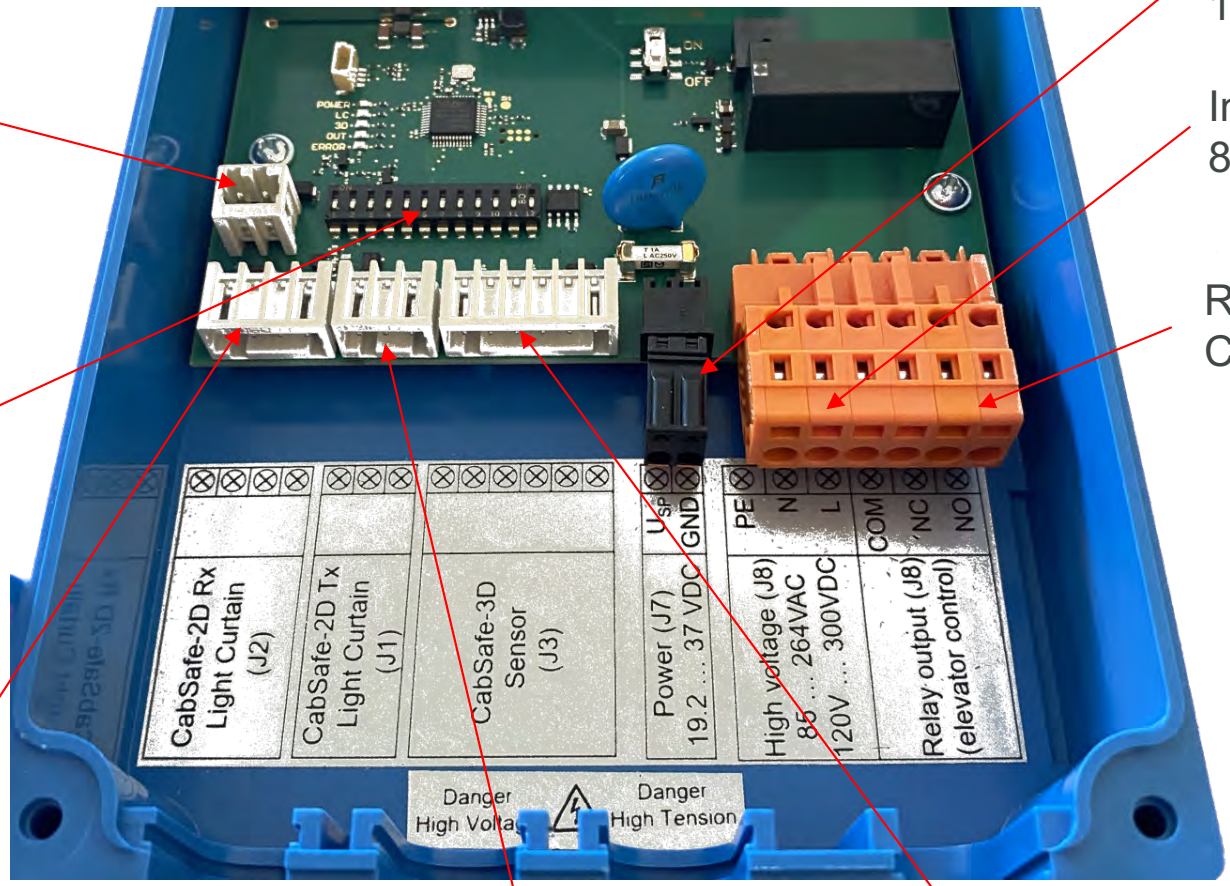


CabSafe 100 (OEM)
24 VDC - Relay

CabSafe 200 (MOD)
Wide Ranging PS - Relay

CabSafe™ Controller

CabSafe 200 WR Power Supply with Relay Out



External Door Closed Signal

DIP Switch Configuration

CabSafe 2D Receiver Connection

Input voltage 19…37 V DC

Input Voltage: 85 … 264 V AC

Relay Output Connection

CabSafe 2D Transmitter Connection

CabSafe 3D Connection

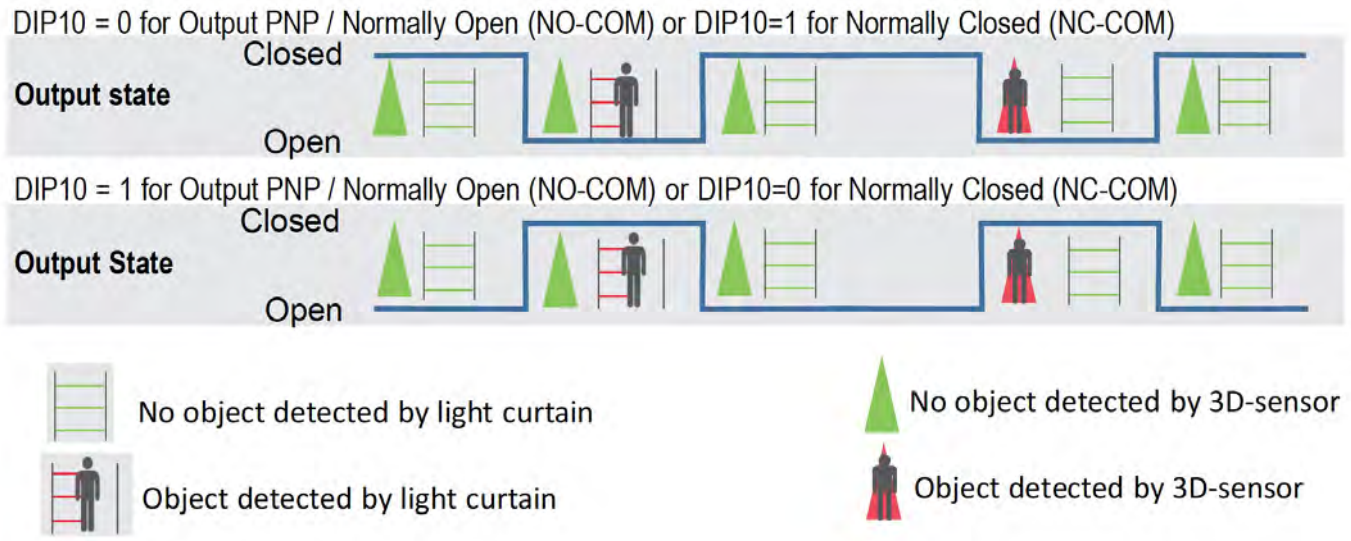
CabSafe™ Controller Configuration

CEDES
The Sensor Pioneers.

DIP Switch	1	2	3	4	5	6	7	8	9	10	11	12
No Function	0	0										
Sensor Mounted on Left (Looking into the cab from the hall)	1	0										
Sensor Mounted on Right (Looking into the cab from the hall)	0	1										
Center	1	1										
Door Signal by Light Curtain			1	0								
Door Signal by External Output			0	1								
Door Height > 6.7 - 7.5 ft					1	0	0	0				
Door Height > 7.5 - 8.5 ft					0	1	0	0				
Door Height > 8.5 - 9.0 ft					0	0	1	0				
Door Height > 9.0 -10.0 ft					0	0	0	1				
2D/3D Active									0			
2D Only (3D Inactive)									1			

CabSafe™ Controller Configuration

DIP Switch	1	2	3	4	5	6	7	8	9	10	11	12
Output Active when Clear (see diagram below)										0		
Output Active when Obstructed (see diagram below)										1		
Frequency Group A											1	
Frequency Group B											0	
Reserved												X



CabSafe™ 3D

- The CabSafe 3D Time-of-Flight (TOF) sensor is mounted in or on the transom and projects a detection field in front of the elevator doors
- The detection field complies with 2019 Code requirements
- The CabSafe 3D is suitable for 7-10 ft door heights and is suitable for left-, right- and center-opening applications
  - Configuration occurs on the CabSafe controller

CabSafe™ 3D Product Portfolio

Black Anodized Mounting Bracket
(Standard)

Silver Finish Mounting Bracket
(Special Order)

Side Open:
Elevator door heights from 6.67 ft to **8 ft** and door opening widths up to 4.5 ft.

Center Open:
Elevator door heights from 6.67 ft to **10 ft** and door opening widths up to 4.5 ft.

CabSafe™ 3D Product Portfolio incl. TD

CEDES
The Sensor Pioneers.

Black Anodized Mounting Bracket

Silver Finish Mounting Bracket

Side Open:
Elevator door heights from 8 ft to **10 ft** and door opening widths up to 4.5 ft.

Side Open:
Elevator door heights from 6.67 ft to **8 ft** and door opening widths up to 4.5 ft.

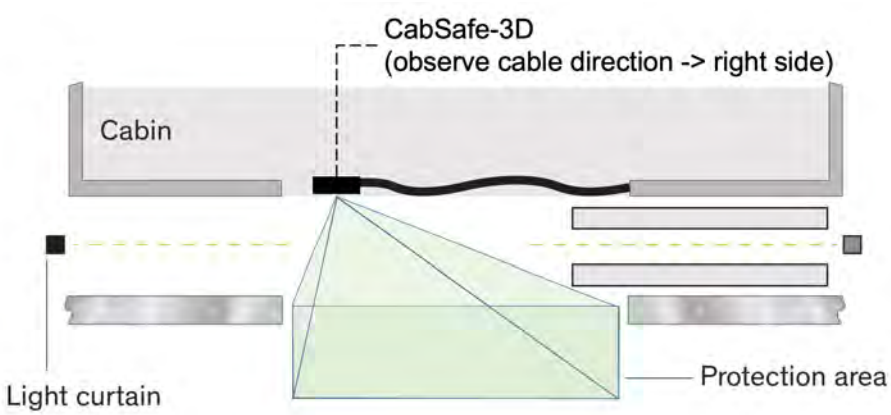
Center Open:
Elevator door heights from 6.67 ft to **10 ft** and door opening widths up to 4.5 ft.

Side Open:
Elevator door heights from 8 ft to **10 ft** and door opening widths up to 4.5 ft.

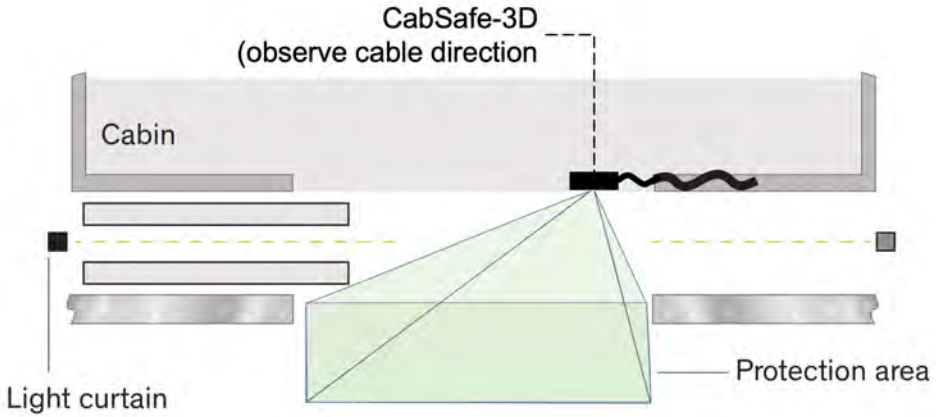
CabSafe™ 3D Detection Fields

CEDES
The Sensor Pioneers.

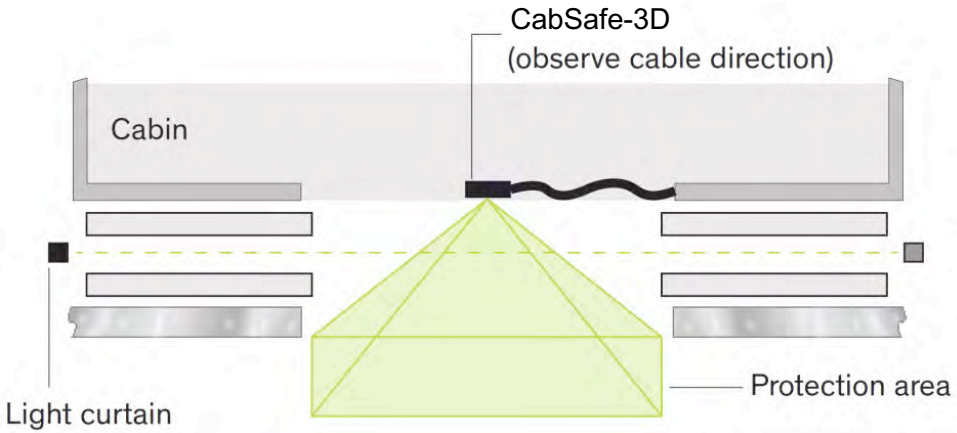
Sensor on Left (e.g. TDL)



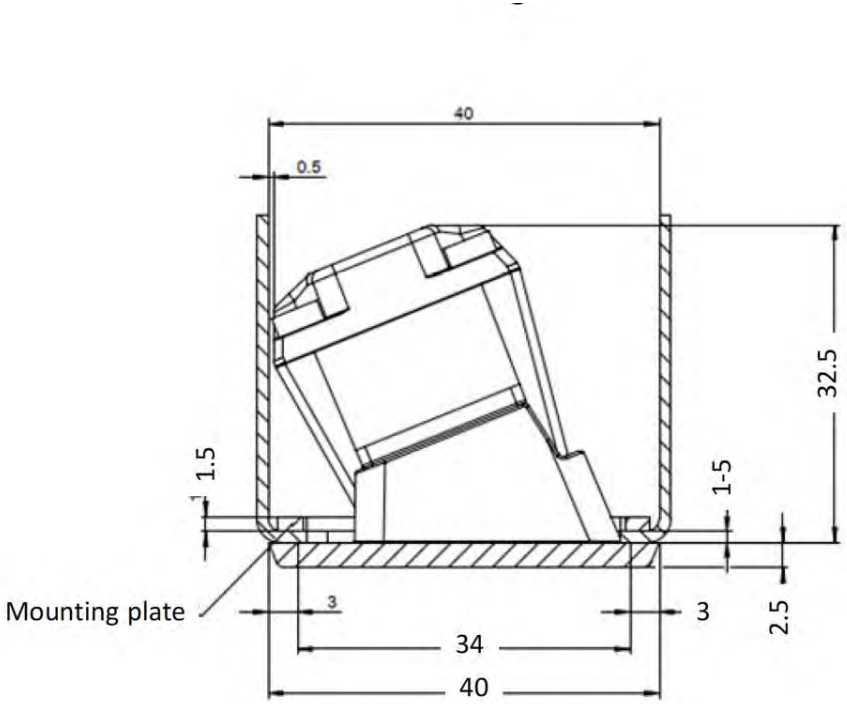
Sensor on Right (e.g. TDR)

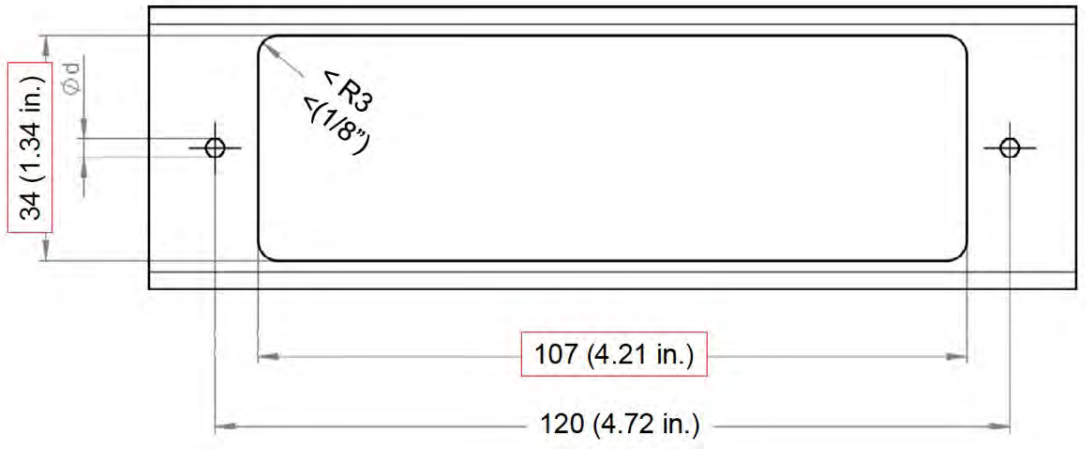


Sensor in Center



CabSafe™ 3D Dimensions





CabSafe™ Back of Transom Mount

CabSafe™ 3D

CEDES
The Sensor Pioneers.

CabSafe 3D flush-mounted
In Cab Transom

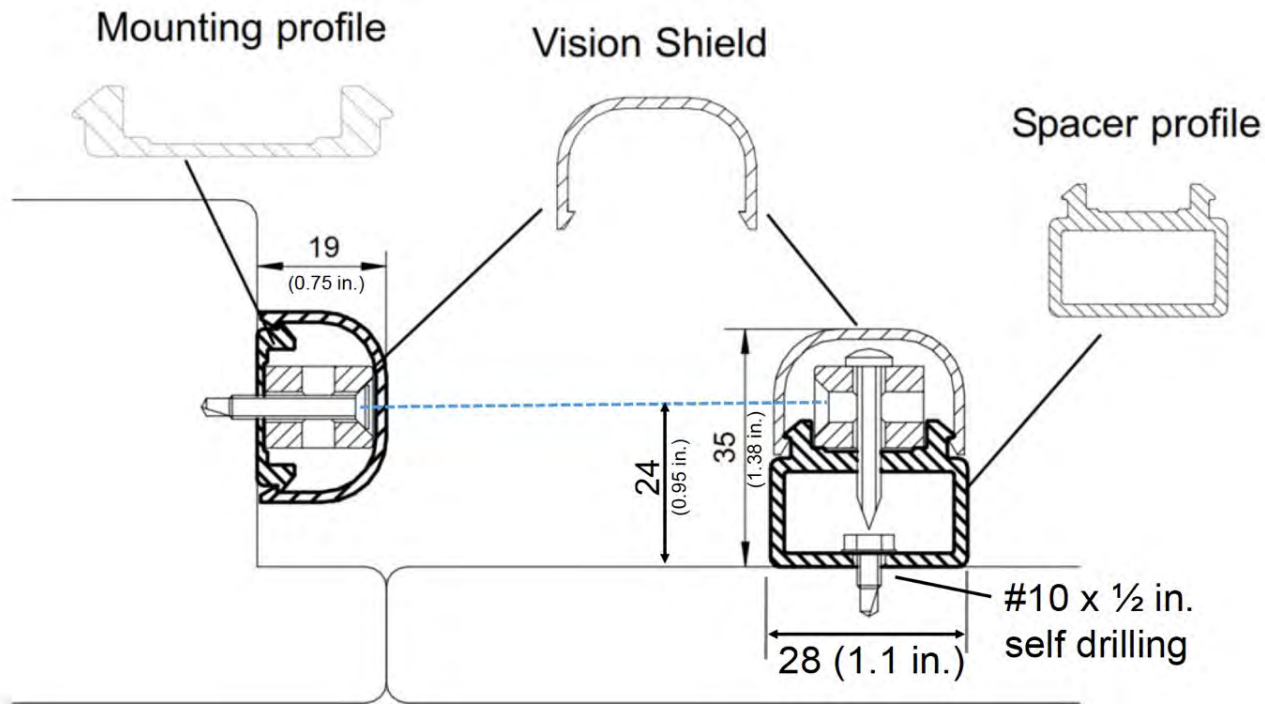
CabSafe 3D with
Back-of-Transom SS Bracket

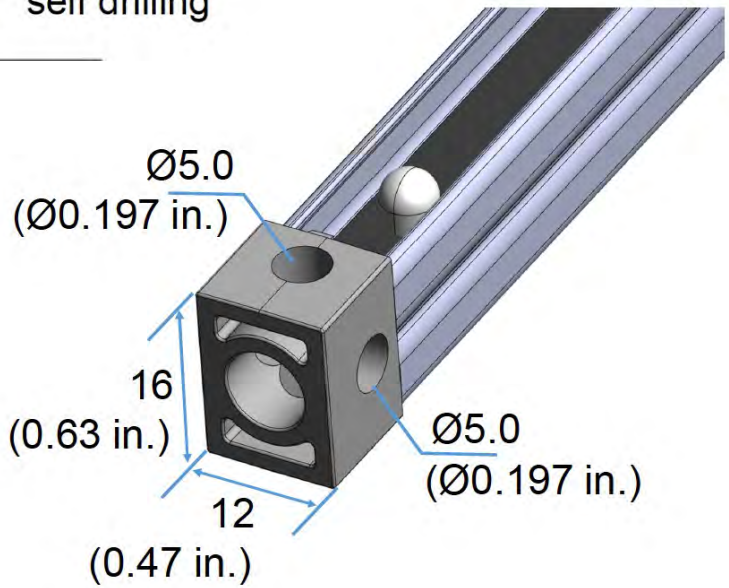
CabSafe™ 2D

- Operating Range 0.01 … 4 m (0.033 … 13.1 ft)
- Detection Field
  - Fulfills 2019 Code Requirements
  - 1600 mm (5.2 ft) Protection Height
  - 36 Elements / 106 Criss-Cross Beams
- Selectable output: FSSL or Push-pull
  - Fulfills Self-Monitoring Requirement in 2019 Code

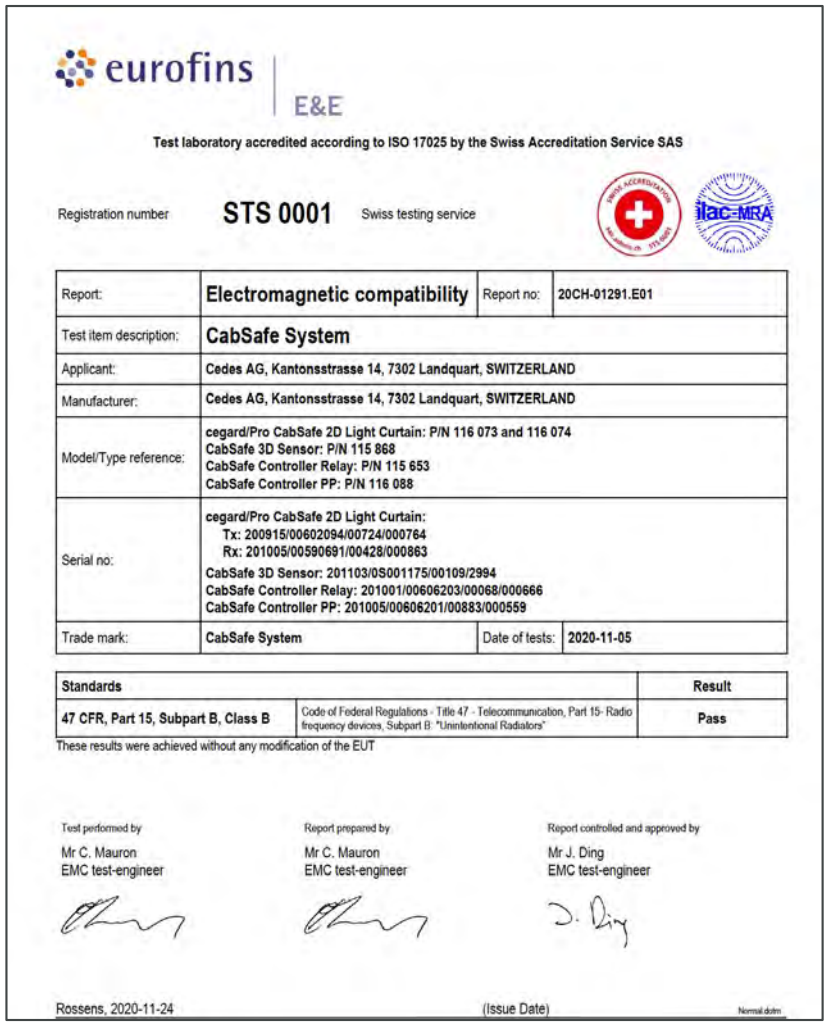
- High ambient light robustness to 100 kLux
- Electrical Synchronization to ensure robust operation
- IP 65 Enclosure Rating
- Slim design
  - 12 x 16 x 1’722 mm (0.47 x 0.63 x 67.8 in.)
- Same mounting as existing Adams GateKeeper products

CabSafe™ 2D Dimensions





CabSafe™ System – EMC Emission



eurofins | E&E

Test laboratory accredited according to ISO 17025 by the Swiss Accreditation Service SAS

Registration number **STS 0001** Swiss testing service

Report:	**Electromagnetic compatibility**	Report no:	**20CH-01291.E01**
Test item description:	**CabSafe System**		
Applicant:	**Cedes AG, Kantonsstrasse 14, 7302 Landquart, SWITZERLAND**		
Manufacturer:	**Cedes AG, Kantonsstrasse 14, 7302 Landquart, SWITZERLAND**		
Model/Type reference:	**cegard/Pro CabSafe 2D Light Curtain: P/N 116 073 and 116 074** **CabSafe 3D Sensor: P/N 115 868** **CabSafe Controller Relay: P/N 115 653** **CabSafe Controller PP: P/N 116 088**		
Serial no:	**cegard/Pro CabSafe 2D Light Curtain:** **Tx: 200915/00602094/00724/000764** **Rx: 201005/00590691/00428/000863** **CabSafe 3D Sensor: 201103/0S001175/00109/2994** **CabSafe Controller Relay: 201001/00606203/00068/000666** **CabSafe Controller PP: 201005/00606201/00883/000559**		
Trade mark:	**CabSafe System**	Date of tests:	**2020-11-05**

Standards		Result
47 CFR, Part 15, Subpart B, Class B	Code of Federal Regulations - Title 47 - Telecommunication, Part 15- Radio frequency devices, Subpart B "Unintentional Radiators"	**Pass**

These results were achieved without any modification of the EUT

Test performed by	Report prepared by	Report controlled and approved by
Mr C. Mauron EMC test-engineer	Mr C. Mauron EMC test-engineer	Mr J. Ding EMC test-engineer

Rossens, 2020-11-24 (Issue Date)

- The CabSafe System has been third-party tested for EMC **Emission**
- The system fulfills the more stringent Class B digital device requirements.
- A Class B digital device may be marketed in residential, industrial, commercial and/or business environments – see CFR 47§15.3(i)
- IC Canada requirements closely mirror FCC requirements
- This is very important since the International Building Code(IBC) and many local codes categorize:
  - Hotels: Residential Class R-1
  - Apartment Bldgs.: Residential Class R-2

CabSafe™ System – EMC Immunity

emc testcenter.zürich.ag

EMC-Testcenter AG
Moosäckerstrasse 77
8105 Regensdorf
SWITZERLAND

Phone +41 44 302 45 00
E-mail info@emc-testcenter.com
Web www.emc-testcenter.com

Accredited according to ISO / IEC 17025 by:
Swiss Accreditation Service SAS
Registration number 0034

ilac-MRA

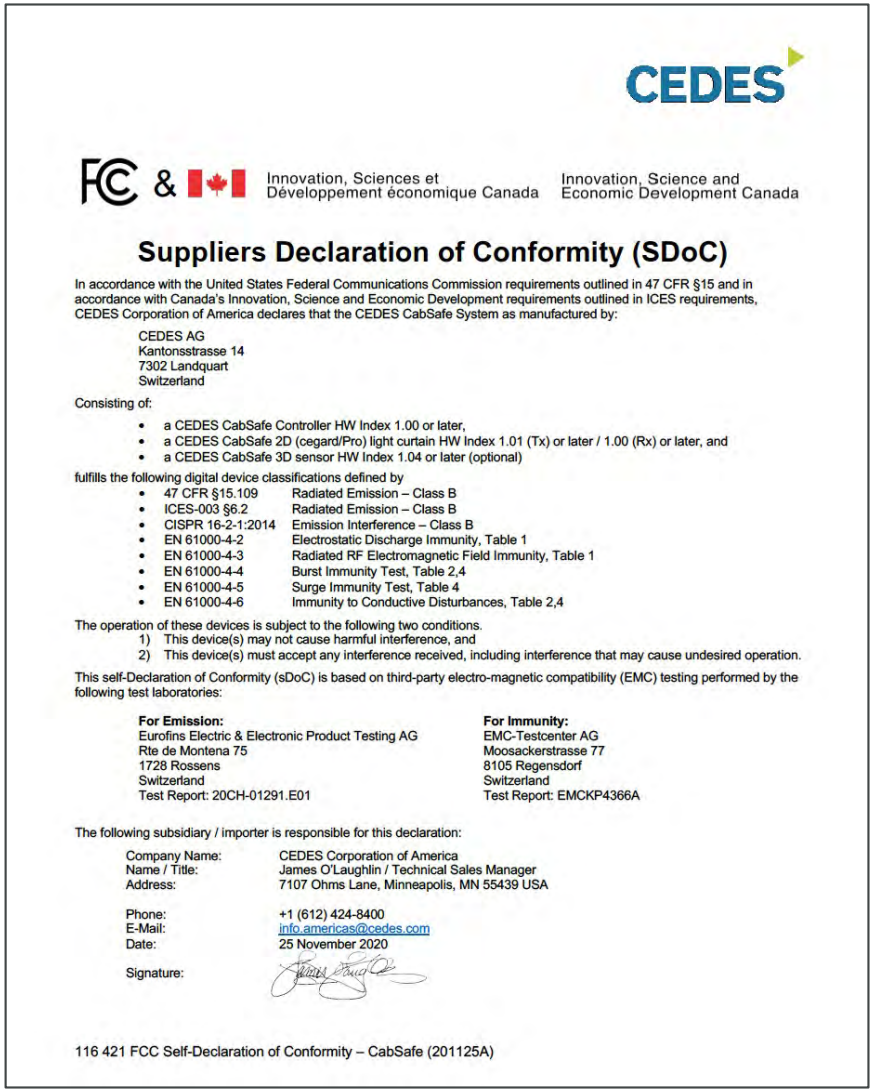
TEST REPORT REF.	EMCKP4366A
PROJECT NO.	EMCK4366
DATE OF ISSUE	2020-06-26
MANUFACTURER	Cedes AG
TRADE MARK	CEDES
EQUIPMENT UNDER TEST (EUT)	CabSafe
STANDARD	EN 12015:2014 EN 12016:2013 (non-safety circuits) (EN 12015/ 12016 not covered by scope of accreditation / Type B Laboratory) EN 61000-6-2:2019 EN 61000-6-4:2007+A1:2011 ISO 22199:2009 ISO 22200:2009 (non-safety circuits) (ISO Standards not covered by scope of accreditation / Type B Laboratory)
TEST RESULT	Complied according to test table on page 2
CLIENT	Cedes AG Kantonsstrasse 14 7302 Landquart SWITZERLAND
Contact name	Mr. Zoltan BALAJTI
Telephone	+41 81 307 23 42
E-Mail	zoltan.balajti@cedes.com
Web	www.cedes.com

This report shall not be reproduced except in full without the written approval of the testing laboratory. The hard copy of the electronically recorded document at EMC-Testcenter AG shall be the original document reference. The results in this report apply only to the sample(s) tested, if technical changes on the sample(s) are performed later a re-test shall be necessary.

Report Ref. EMCKP4366A	Issue Date: 2020-06-26	Page 1 of 43

- The CabSafe System has been third-party tested for EMC **Immunity**
- The system fulfills the more stringent Class A digital device requirements.
- Class A immunity makes the system suitable for marketing in residential, industrial, commercial, and/or business environments
- The FCC currently does not currently have specific immunity requirements defined in CFR 47§15 Radio Frequency Devices.
- However, the FCC does reference the standards shown in the certificate (left) for EMC immunity testing.
- IC Canada requirements closely mirror FCC requirements

CabSafe™ System – FCC SDoC



CEDES

FC & Innovation, Sciences et Développement économique Canada | Innovation, Science and Economic Development Canada

Suppliers Declaration of Conformity (SDoC)

In accordance with the United States Federal Communications Commission requirements outlined in 47 CFR §15 and in accordance with Canada's Innovation, Science and Economic Development requirements outlined in ICES requirements, CEDES Corporation of America declares that the CEDES CabSafe System as manufactured by:

CEDES AG
Kantonsstrasse 14
7302 Landquart
Switzerland

Consisting of:

- a CEDES CabSafe Controller HW Index 1.00 or later,
- a CEDES CabSafe 2D (cegard/Pro) light curtain HW Index 1.01 (Tx) or later / 1.00 (Rx) or later, and
- a CEDES CabSafe 3D sensor HW Index 1.04 or later (optional)

fulfills the following digital device classifications defined by

- 47 CFR §15.109 Radiated Emission – Class B
- ICES-003 §6.2 Radiated Emission – Class B
- CISPR 16-2-1:2014 Emission Interference – Class B
- EN 61000-4-2 Electrostatic Discharge Immunity, Table 1
- EN 61000-4-3 Radiated RF Electromagnetic Field Immunity, Table 1
- EN 61000-4-4 Burst Immunity Test, Table 2,4
- EN 61000-4-5 Surge Immunity Test, Table 4
- EN 61000-4-6 Immunity to Conductive Disturbances, Table 2,4

The operation of these devices is subject to the following two conditions.
1) This device(s) may not cause harmful interference, and
2) This device(s) must accept any interference received, including interference that may cause undesired operation.

This self-Declaration of Conformity (sDoC) is based on third-party electro-magnetic compatibility (EMC) testing performed by the following test laboratories:

For Emission:
Eurofins Electric & Electronic Product Testing AG
Rte de Montena 75
1728 Rossens
Switzerland
Test Report: 20CH-01291.E01

For Immunity:
EMC-Testcenter AG
Moosackerstrasse 77
8105 Regensdorf
Switzerland
Test Report: EMCKP4366A

The following subsidiary / importer is responsible for this declaration:

Company Name: CEDES Corporation of America
Name / Title: James O'Laughlin / Technical Sales Manager
Address: 7107 Ohms Lane, Minneapolis, MN 55439 USA

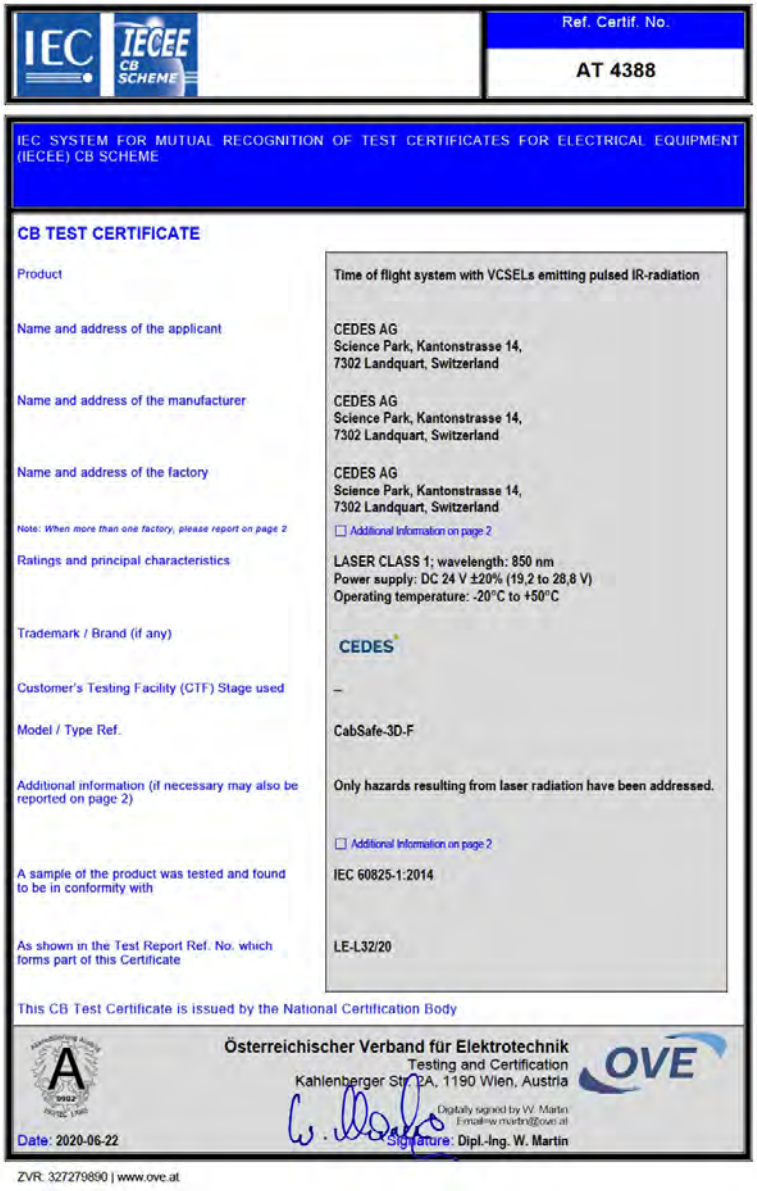
Phone: +1 (612) 424-8400
E-Mail: info.americas@cedes.com
Date: 25 November 2020

Signature:

116 421 FCC Self-Declaration of Conformity – CabSafe (201125A)

- CFR 47§2.906 and CFR 47§15.101 define requirements for Equipment Authorization
- Other Class B Digital Devices and Peripherals can
  - Obtain FCC certification via an FCC Authorized Lab, or
  - Provide a Supplier's Declaration of Conformity (SDoC)
- IC Canada requirements closely mirror the FCC requirements

CabSafe™ System – Eye Safety



IEC IECEE CB SCHEME

Ref. Certif. No.
AT 4388

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Time of flight system with VCSELs emitting pulsed IR-radiation
Name and address of the applicant	CEDES AG Science Park, Kantonstrasse 14, 7302 Landquart, Switzerland
Name and address of the manufacturer	CEDES AG Science Park, Kantonstrasse 14, 7302 Landquart, Switzerland
Name and address of the factory	CEDES AG Science Park, Kantonstrasse 14, 7302 Landquart, Switzerland
Note: When more than one factory, please report on page 2	☐ Additional Information on page 2
Ratings and principal characteristics	LASER CLASS 1; wavelength: 850 nm Power supply: DC 24 V ±20% (19,2 to 28,8 V) Operating temperature: -20°C to +50°C
Trademark / Brand (if any)	CEDES
Customer's Testing Facility (CTF) Stage used	–
Model / Type Ref.	CabSafe-3D-F
Additional information (if necessary may also be reported on page 2)	Only hazards resulting from laser radiation have been addressed. ☐ Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60825-1:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	LE-L32/20

This CB Test Certificate is issued by the National Certification Body

Österreichischer Verband für Elektrotechnik
Testing and Certification
Kahlenberger Str. 2A, 1190 Wien, Austria

OVE

Digitally signed by W. Martin
Email:w.martin@ove.at

Date: 2020-06-22

Signature: Dipl.-Ing. W. Martin

ZVR: 327279890 | www.ove.at

- The CabSafe System has been third-party tested for **Eye Safety**
- Fulfills the requirements defined by IEC 60825-1:2014
- The certificate shown left and the associated test report formed the basis for FDA submittals
- An FDA Accession Number has been assigned to the CabSafe system

CabSafe™ at www.cedes.com

CabSafe™ at www.cedes.com

CEDES
The Sensor Pioneers.

CEDES
The Sensor Pioneers.

Application Markets ▼ Product Lines About us Career ▼ Contact Online-Shop

TOF 3D SENSORS

IMS 100 Pro

The IMS 100 Pro provides a new level of safeguarding by monitoring the entrance area to elevators. This reduces overall door-opening times and improves elevator efficiency.

More

TOF/Start

The TOF/Start detects people or objects approaching escalators, revolving and swing doors, industrial doors and personnel sluices. Cross-traffic is ignored, ensuring energy-efficient usage.

More

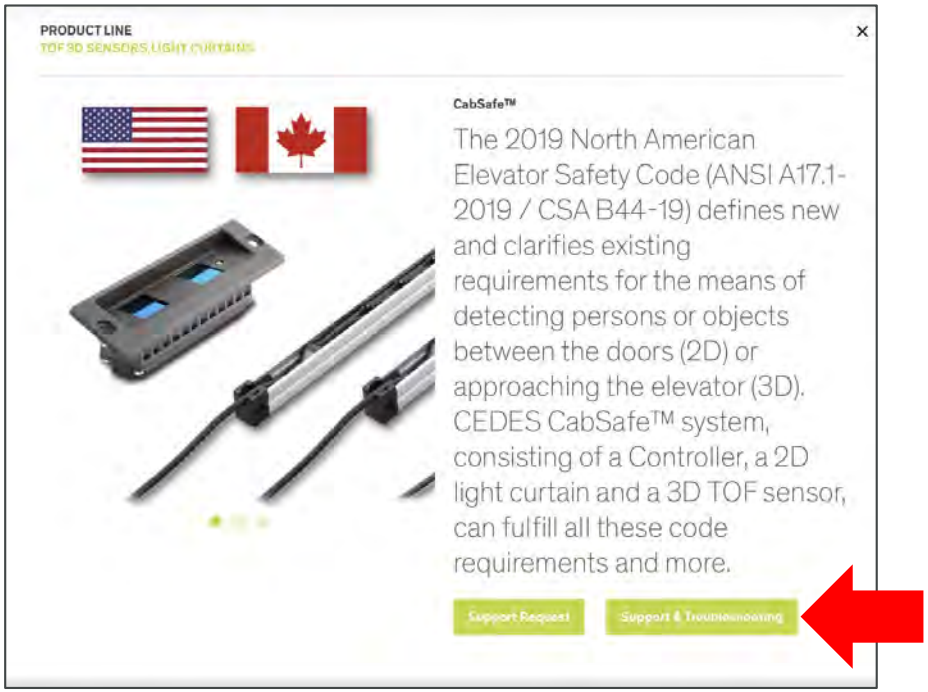
CabSafe™

The 2019 North American Elevator Safety Code (ANSI A17.1-2019 / CSA B44-19) defines new and clarifies existing requirements for the means of detecting persons or objects between the doors (2D) or approaching the elevator (3D). CEDES CabSafe™ system, consisting of a Controller, a 2D light curtain and a 3D TOF sensor, can fulfill all these code requirements and more.

More

CabSafe™ at www.cedes.com

CEDES
The Sensor Pioneers.



CabSafe™ Troubleshooting Tool at www.cedes.com

CEDES
The Sensor Pioneers.

CEDES

CEDES CabSafe™

CabSafe™ Home Page

CEDES CabSafe™ provides door protection compliant to ANSI ASME A17.1-2019 / CAN CSA B44-19. **This decision tree provides general, configuration, troubleshooting, and installation information of the CabSafe system.** Please click on the links below to get started.

If you should have any technical issues, please contact your local CEDES representative.

What information are you looking for?

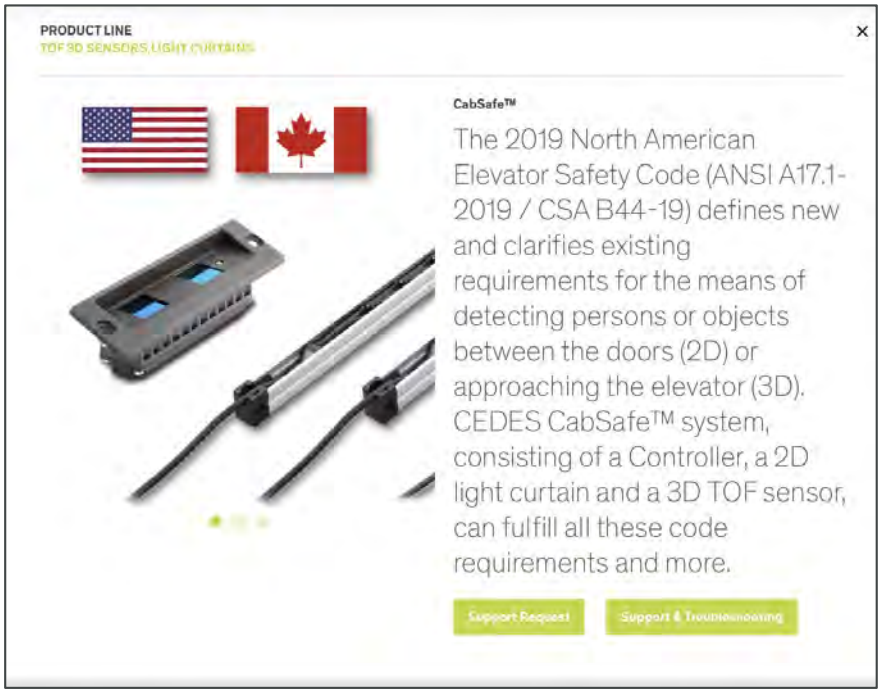
- System overview
- Important Safety Measures
- CabSafe™ Controller
- CabSafe™ 2D
- CabSafe™ 3D
- CabSafe™ Magnetic Switch
- CabSafe™ System Troubleshooting
- CabSafe™ Maintenance
- CabSafe™ Documentation

An online support and troubleshooting tool is available to assist with installation and troubleshooting. **Scan the QR code** This link is also available at www.cedes.com under Product Listing – CabSafe.

From CEDES CabSafe Quick Start Guide

CabSafe™ at www.cedes.com

CEDES
The Sensor Pioneers.



CabSafe™ Documentation at www.cedes.com

CEDES
The Sensor Pioneers.

CSA GROUP

Certificate of Compliance

Certificate: 80040205 **Master Contract:** 187273

Project: 80055217 **Date Issued:** 2020-11-06

Issued To: **Cedes AG**
Science Park
Landquart, Graubuenden, 7302
Switzerland

Attention: Remo Degiacomi

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: Rowell Manipula
Rowell Manipula

C US

CSA B44.1/ASME A17.5

PRODUCTS
CLASS - C241102 - ELEVATOR EQUIPMENT-Enclosed Elevator and Escalator Electrical Equipment
CLASS - C241182 - ELEVATOR EQUIPMENT-Enclosed Elevator Electrical Equipment-Certified to U.S. Standards

2D Light curtain sensor, Model: cegard/Pro, rated: 10Vdc to 30Vdc, 150mA max

Note:
1) Connection cord with length exceeding 2 meters shall be protected in a raceway.

3D sensor, Model: CabSafe-3D, rated 24.0 to 28.8Vdc, 450mA RMS at 24Vdc

Note:
1) Connection cord with length exceeding 2 meters shall be protected in a raceway.

DQD 507 Rev. 2019-04-30 Page 1

LIFTINSTITUUT

CERTIFICATE OF COMPLIANCE

issued by Liftinstituut B.V.

Certificate no.	: NA20-0842-1004-035-01	Revision no.: -
Description of the product	: Reopening Device for Power-Operated Horizontally Sliding Doors and Gates with Detection of Approaching Objects and Detection of Objects in the Door Path	
Trademark	: CEDES	
Model / Type no.	: CabSafe System (containing controller, 3D sensor and cegard/Pro 2D light curtain system)	
Name and address of the manufacturer	: CEDES AG Kantonstrasse 14 7302 Landquart, Switzerland	
Name and address of the certificate holder	: CEDES AG Kantonstrasse 14 7302 Landquart, Switzerland	
Certificate issued on the basis of the following requirements	: ASME A17.1-2019 / CSA B44:19	
Test location	: CEDES, Landquart Switzerland	
Date and number of the laboratory report	: None	
Date of verification of compliance	: November 2019 – May 2020	
Annexes with this certificate	: Certificate of Compliance Report no: NA20-0842-1004-035-01	
Additional remarks	: See chapter 5 of the supporting report belonging to this certificate.	
Conclusion	: The Product as referred to in this certificate meets the requirements of the ASME A 17.1-2019 / CSA B44:19, taking into account any additional remarks mentioned above.	

Amsterdam
Date : May 29th, 2020
Valid thru : May 29th, 2023

ing. P.J. Peeters
Manager Certification

Certification decision by

· Liftinstituut B.V. · Buikslotermeerplein 381 · P.O. Box 36027 · 1020 MA Amsterdam Netherlands · www.liftinstituut.com ·
· Registered at the KvK under number 34157363 ·

F23-05-02-v11.0

CabSafe™ Documentation at www.cedes.com

CEDES
The Sensor Pioneers.

Konformitätserklärung
Declaration of Conformity
Déclaration de Conformité
Dichiarazione di Conformità
Deklaracja zgodności

CE

Wir / We / Nous / Noi / My

erklären in alleiniger Verantwortung, dass
declare in sole responsibility that
déclarons sous notre propre responsabilité que
dichiariamo sotto propria responsabilità che
deklarujemy z pełną odpowiedzialnością, że

CEDES AG
Science Park
CH-7302 Landquart
Switzerland

die Produktfamilie
the product range
la famille de produit
la gamma dei prodotti
rodzina wyrobów

CabSafe Controller &
CabSafe 3D Sensor

die Produktbeschreibung
the product description
la description du produit
la descrizione del prodotto
opis produktu

Kamera Sensor
Camera sensor
Capteur de caméra
Sensore ottico CCD
Czujnik - kamera

den Anforderungen der folgenden Richtlinien entspricht
meets all the provisions of the following directives
remplit toutes les exigences de la directives suivantes
adempie a tutte le esigenze delle direttive seguenti
odpowiada wszystkim wymaganiom następującej dyrektywy

2014/30/EU
2014/33/EU

Andere normative Dokumente
Other standards
D'autre normes
Altre norme
Inne dokumenty normatywne

ASME A17.1-2019 / CSA B44:19
ASME A17.5-2019 / CSA B44.1:19
EN 12015:2014 EMC – Emission
EN 12016:2013 EMC – Immunity
ISO 22199:2009 – Emission
ISO 22200:2009 – Immunity
IEC 60825-1:2014 – Safety of laser products
IEC 60068-2-6:2007 – Vibration
IEC 60068-2-27:2008 – Shock

Prüfberichte / Zertifikate
Test reports / Certificates
Rapports de test / certificats
Relazioni sulle prove / Certificati
Nr raportu technicznego / Certyfikaty

QC report CabSafe

CEDES The Sensor Pioneers.

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CEDES CabSafe Door Protection System

Technical Specification for ARCHITECTS, CONSULTANTS, AND SPECIFIERS

The elevator door protection system shall consist of a Light Curtain, a Time-of-Flight (ToF) Sensor and a Controller. The system shall be designed to detect persons and objects that are in the path of the elevator cab doors or approaching the elevator cab door entrance in accordance with ANSI A17.1-2019 / CSA B44-19. The system shall also be designed to ignore stationary persons or objects that are not entering the elevator.

The detection means for objects in the path of the elevator doors (2D field) shall be an infrared light curtain with a minimum of 106 light beams that form a dense crisscross pattern. The detection field of the light curtain shall be no less than 63 inches (1.6 m) high, have 100,000 Lux ambient light immunity, and an operating range of 13.1 ft (4 m). Automatic gain adjustment will also be implemented to minimize the amount of energy required for operation.

The Time-of-Flight (ToF) sensor (approaching object detection means / 3D field) shall detect approaching persons or objects in accordance with ANSI A17.1-2019 / CSA B44-19 requirements. It shall be mounted flush in the elevator cab transom or via a back-of-transom stainless steel housing and shall not extend down into the clear opening of the elevator entrance by more than 3 mm. The sensor shall fulfill FDA requirements and have an assigned accession number from the FDA. The sensor shall also implement a "sleep" mode to minimize energy consumption when the doors are closed.

The Light Curtain and the Time-of-Flight sensor shall plug directly into a separate Controller. The Controller will manage the signals from these devices and provide a single system output as the reopening device signal to elevator control. The Controller shall perform continuous testing of the Light Curtain and the Time-of-Flight (ToF) sensor. It shall also manage the configuration parameters for the connected devices.

The system shall be third-party certified by a Nationally Recognized Testing Laboratory (NRTL) for use in elevator systems in accordance with ANSI A17.5-2019 / CSA B44.1-19. The system shall also be third-party certified for use in elevator systems in accordance with Clause 2.13.5 Reopening Device(s) for Power-Operated Horizontally Sliding Doors and Gates as defined by ANSI A17.1-2019 / CSA B44-19. Furthermore, the system shall be suitable for both static (Light Curtain is stationary) and dynamic mounting (Light Curtain moves with the elevator cab doors) applications.

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Complete Kit Ordering Information

CabSafe 200 Wide-Ranging Power Supply Kits with Relay Output

Adams Part No.	Model Designation / Description
A850-471	**CabSafe SY-MOD-RLY-7FT-3DFLUSH** Includes: CabSafe 200 Controller, CabSafe 2D Transmitter/Receiver and Associated Mounting Hardware, CabSafe 3D (Black) for Flush Mount
A850-472	**CabSafe SY-MOD-RLY-7FT-3DSS** Same as A850-471 and Stainless-Steel Back-of-Transom Mounting for 3D