



## Security Indicators Reference Guide

Featuring Von Duprin ESL, CDSI, HDSI, -2 & -2SI

# STATUS AND DIRECTIONAL INDICATION PUTS YOU IN CONTROL

Schools, universities, hospitals and other facilities face unprecedented challenges and must maintain code compliance while hardening security. Von Duprin® has developed indication solutions that support this by allowing the user to:

## REMAIN ON THE SECURE SIDE OF THE DOOR



Quickly determine the status of the device from a distance



Intuitively change the status of the device

## MAINTAIN FREE EGRESS



Comply with fire and life safety code requirements



## Removing Barricades to Life Safety

Barricade devices are retrofit security products that are designed to lock down an opening in the event of an active shooter incident. They are often perceived as effective and inexpensive means to provide additional security.

However, many of these products not only violate current life safety code requirements, but could also result in increased risk and liability.

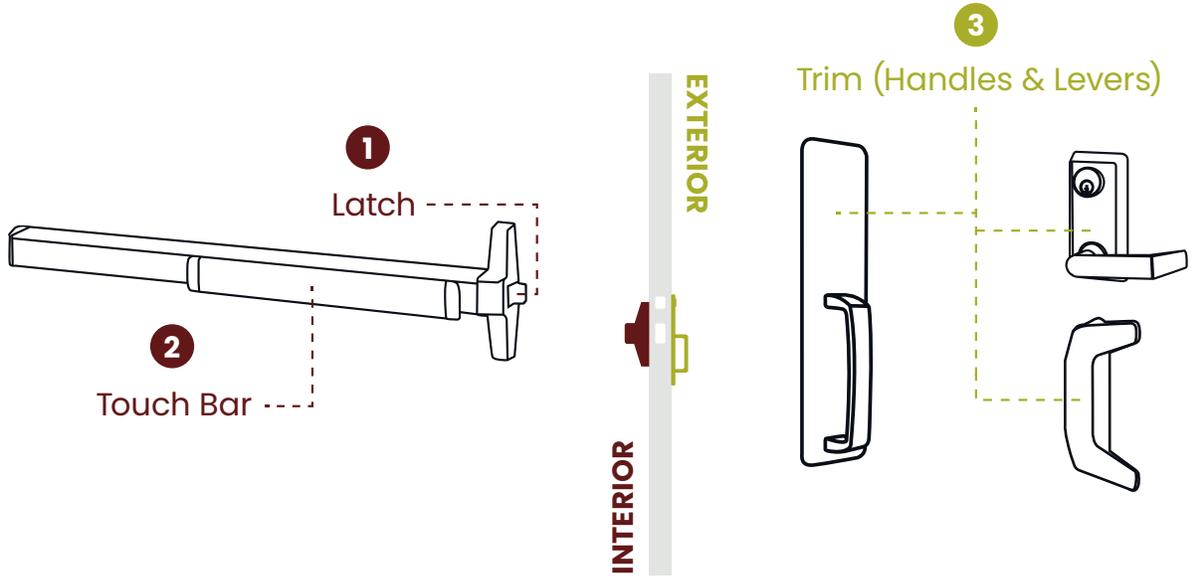
Most US states have adopted the International Building Code (IBC) and/or the International Fire Code (IFC). These model codes require door in a means of egress to unlatch with one releasing motion, with no tight grasping, pinching, or twisting of the wrist, and without a key, special knowledge, or effort.

There are code-compliant solutions readily available that provide necessary security without compromising safety. In the case of Von Duprin solutions, free egress is maintained in accordance with code requirements.



### 3 MAIN COMPONENTS OF A PANIC DEVICE

For an opening to be secure the door must be closed, the trim must be locked and the device must be undogged so that the latch bolt is held in the extended position within the strike.



# How Von Duprin Indicators Work

## STATUS INDICATOR



Von Duprin status indicators aid lockdown procedures by providing visual verification of the status of the lever trim or dogging mechanism from the interior. They are visible at a distance so that the status can be assessed without having to approach the door. The words "LOCKED" and "UNLOCKED" are clearly displayed to make determining the status of the device quick and intuitive. The indicators are also color coded, displaying red when they are "LOCKED" and white when they are "UNLOCKED".

In the case of CDSI/HDSI the indicator is referring to the status of the dogging mechanism and displays "LOCKED" when the dogging mechanism is undogged and "UNLOCKED" when the dogging mechanism is dogged.

## DIRECTIONAL INDICATOR



In addition, where a key cylinder or thumb turn is in use, Von Duprin directional indicators aid the user in determining which way the key or thumb turn must be rotated to secure the opening. This makes operation in emergency situations more intuitive.



# Indicator Solutions

Von Duprin offers a variety of status indicator and directional indicator options. These options can be ordered as a complete device for new construction or as a modular conversion kit for retrofitting existing applications. It is important to review compatibility information to determine the appropriate solution for your opening.

## Features & Benefits:

- ANSI BHMA Grade 1 & UL 10C Fire Rated
- Designed with reliability and durability in mind for high use and abuse environments
- Modular conversion kits for quickly upgrading existing devices
- Enables user to quickly determine the status of the opening while remaining on the interior/secure side
- From the interior side of the door the status of the opening can intuitively be changed
- Maintains free egress as required by code while still securing the door for lockdown

## Applications:

- High use and abuse institutional applications
- Perimeter entrances and secondary entrances
- Doors serving large classrooms such as lecture halls
- Cross-corridor doors
- Large assembly areas such as gymnasiums, cafeterias and auditoriums







## EMERGENCY SECURE LOCKDOWN (ESL)

The ESL enables power to the QEL motor to be interrupted via a thumb turn on the interior side of the door to disable card access and electronic dogging.

Series	98/99 and 33A/35A with QEL electric latch retraction
Device type	R, CVC, CVR, SV, M
Rating	Fire exit hardware and panic hardware
Compatible trim functions	NL, K-NL, L-NL, NL-OP or T-NL
Features	<ul style="list-style-type: none"> <li>✔ Status indicator</li> <li>✔ Directional indicator</li> <li>✔ Change state of door from interior <sup>1</sup></li> </ul>
Retrofits existing devices for field upgrade	Yes—Kit available

<sup>1</sup> Interrupts power to QEL

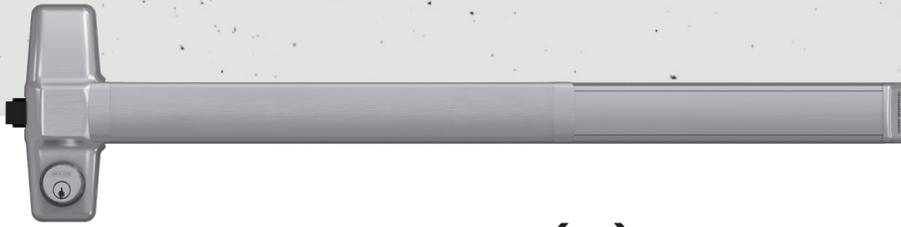


## DOGGING SECURITY INDICATORS (CDSI/HDSI)

This status indicator on the interior side of the door shows whether the push pad is undogged or dogged.

Series	Mechanical 98/99 or 33/35A
Device type	R, CVC, CVR, SV, M
Rating	Panic hardware
Compatible trim functions	DT, K-DT, L-DT, EO, NL, K-NL, L-NL or NL-OP
Features	<ul style="list-style-type: none"> <li>✔ Status indicator</li> <li>✘ Directional indicator</li> <li>✔ Change state of door from interior <sup>2</sup></li> </ul>
Retrofits existing devices for field upgrade	Yes—Kit available

<sup>2</sup> Standard mechanical dogging and undogging operation



## DOUBLE CYLINDER (-2)

The -2 has an interior key cylinder which locks or unlocks the trim from the interior side of the door. The accompanying directional indicator aids in operation.

Series	Mechanical 98/99 with 996 trim
Device type	R, CVC, CVR, SV, M, XP
Rating	Fire exit hardware and panic hardware
Compatible trim functions	L or L-BE functions with 996 trim
Features	<ul style="list-style-type: none"> <li>✘ Status indicator</li> <li>✔ Directional indicator</li> <li>✔ Change state of door from interior <sup>3</sup></li> </ul>
Retrofits existing devices for field upgrade	Yes—Kit available

<sup>3</sup> Interior cylinder controls external trim



## SECURITY INDICATOR WITH DOUBLE CYLINDER (-2SI)

The -2SI has an interior key cylinder which locks or unlocks the lever trim from interior side of the door. The accompanying directional indication aids in operation. In addition, the status indicator provides at-a-glance verification of the LOCKED/UNLOCKED status of the door from inside of the room.

Series	Mechanical 98/99 with 996 trim
Device type	R, CVC, CVR, SV, M
Rating	Fire exit hardware and panic hardware
Compatible trim functions	L or L-BE functions with 996 trim
Features	<ul style="list-style-type: none"> <li>✔ Status indicator</li> <li>✔ Directional indicator</li> <li>✔ Change state of door from interior</li> </ul>
Retrofits existing devices for field upgrade	Yes—Kit available



## Peace of Mind **WITH BALANCED SECURITY SOLUTIONS**

Allegion's purpose is to create peace of mind by pioneering safety and security. Our vision is to make the world safer as a company of experts, securing the places where people thrive. We have experienced security consultants around the country that can help you identify a balanced security solution for your specific needs.



## HOW WE CAN HELP

- Conduct facility assessments to help identify and prioritize needs
- Develop facility standards to drive consistency throughout your locations
- Pre-installation site visits to train personnel on product installation, maintenance and use
- Post-installation site visits to ensure all products are installed properly, will pass inspection and are in good working condition
- Consult on adopted building codes to ensure fire, life safety and accessibility requirements are met
- Create specifications and hardware schedules for new construction and renovation projects

## CONSULTATIVE SERVICES

Allegion's security consultants will partner with you to simplify the process of determining your security needs and provide the right solutions for your building. We can also connect you with our numerous distributor, locksmith, and integrator partners to help streamline the process from specification through installation and beyond.



Call us at **877-671-7011** or visit [VonDuprin.com](https://www.VonDuprin.com) for more information.

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## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit [www.allegion.com](http://www.allegion.com)

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