Manuals+

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Contents [hide]

SDC

SDC Push Second Adjustable Time Delay

Product Usage Instructions

Installation

- Connect the power supply to the designated terminals according to the fail-safe or fail-secure wiring diagram provided.
- Mount the device securely in the desired location following the installation guidelines.

Adjustable Time Delay

- The lock releases for 1-60 seconds when the button is pressed.
- Pressing the button again during the release period will retrigger a new release period.
- Follow the typical fail-safe or fail-secure wiring diagrams provided based on your security requirements.
- Ensure proper connection of the timer, power, and relay contacts as indicated.
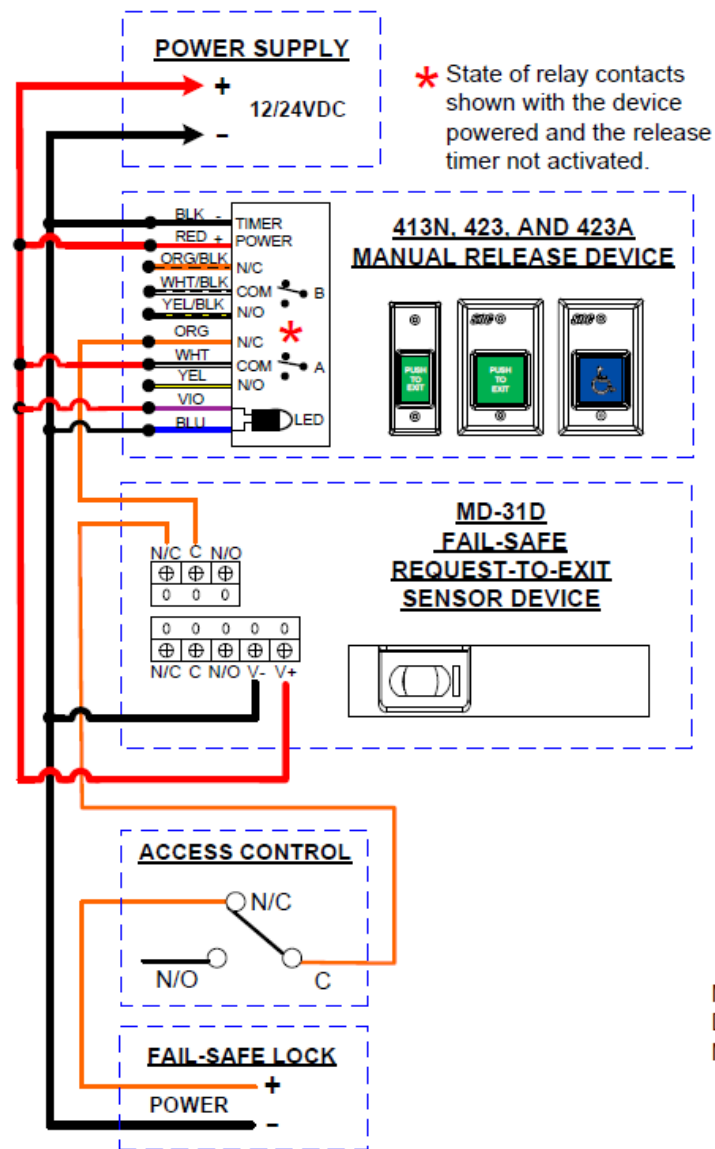
Maintenance

- Regularly check for any loose connections or signs of wear and tear.
- Clean the device as needed to maintain optimal performance.

413N & 423 PUSH SWITCH 1-60 SECOND ADJUSTABLE TIME DELAY

- When the button is pressed, the lock releases for 1-60 seconds.
- If pressed again during the lock release period, the unit will "Retrigger," starting a new release period.

TYPICAL FAIL-SAFE WIRING

POWER SUPPLY

+

12/24VDC

−

* State of relay contacts shown with the device powered and the release timer not activated.

BLK −
RED +
ORG/BLK
WHT/BLK
YEL/BLK
ORG
WHT
YEL
VIO
BLU

TIMER POWER
N/C
COM — B
N/O
N/C *****
COM — A
N/O
LED

413N, 423, AND 423A MANUAL RELEASE DEVICE

PUSH TO EXIT

PUSH TO EXIT

MD-31D FAIL-SAFE REQUEST-TO-EXIT SENSOR DEVICE

N/C C N/O

N/C C N/O V− V+

ACCESS CONTROL

N/C

N/O   C

FAIL-SAFE LOCK

POWER

+

−

Performance Rating

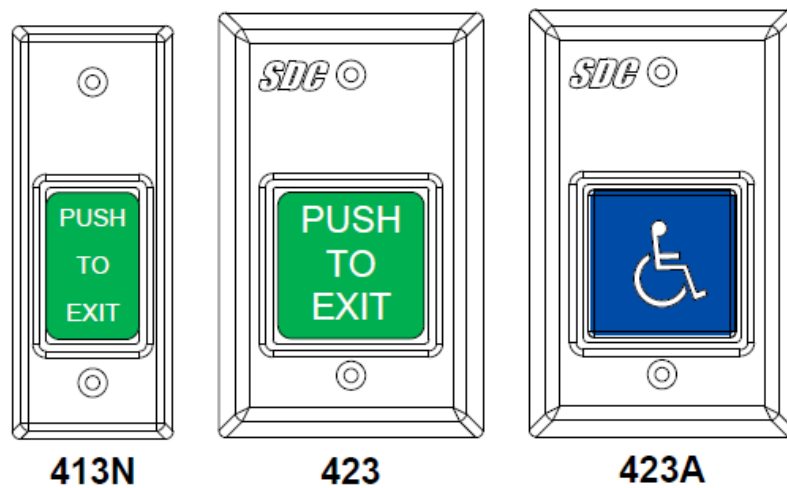### UL 294 Performance Rating

SECURITY
UL
LISTED

- Level I: Line Security
  - Destructive Attack
  - Standby Power
- Level IV: Endurance

All peripheral modules for UL compliance are required to be UL Listed, UL 294.

To be used with a Class 2 power supply or voltage voltage-compatible UL 294 or UL 603 listed power supply
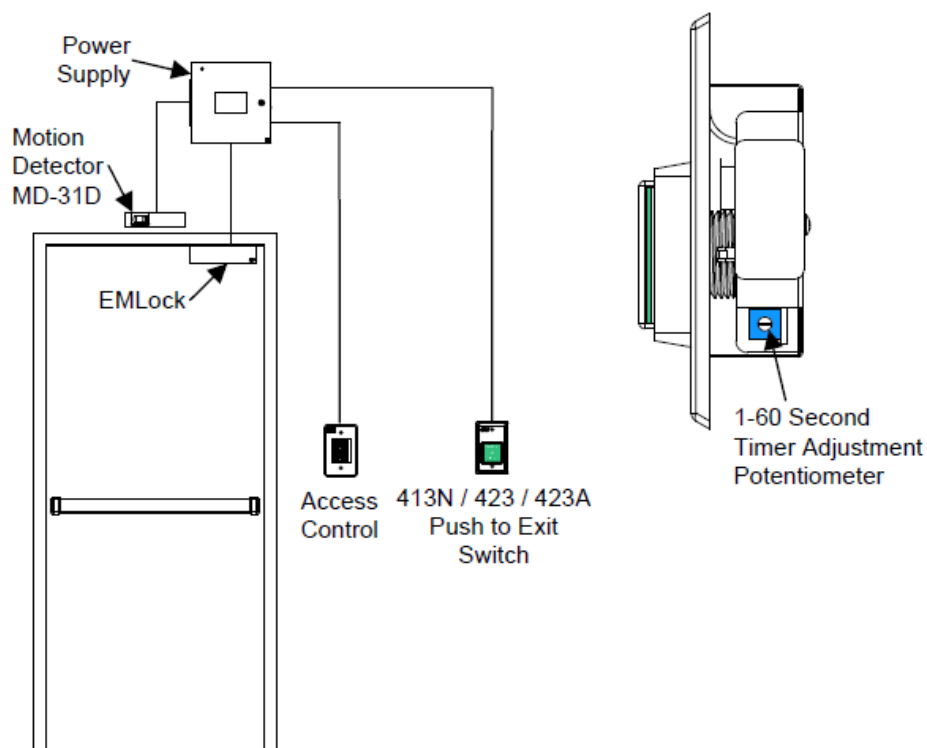
Compliance with ANSI/NFPA 70 National Electrical Code

413N   423   423A

Specifications
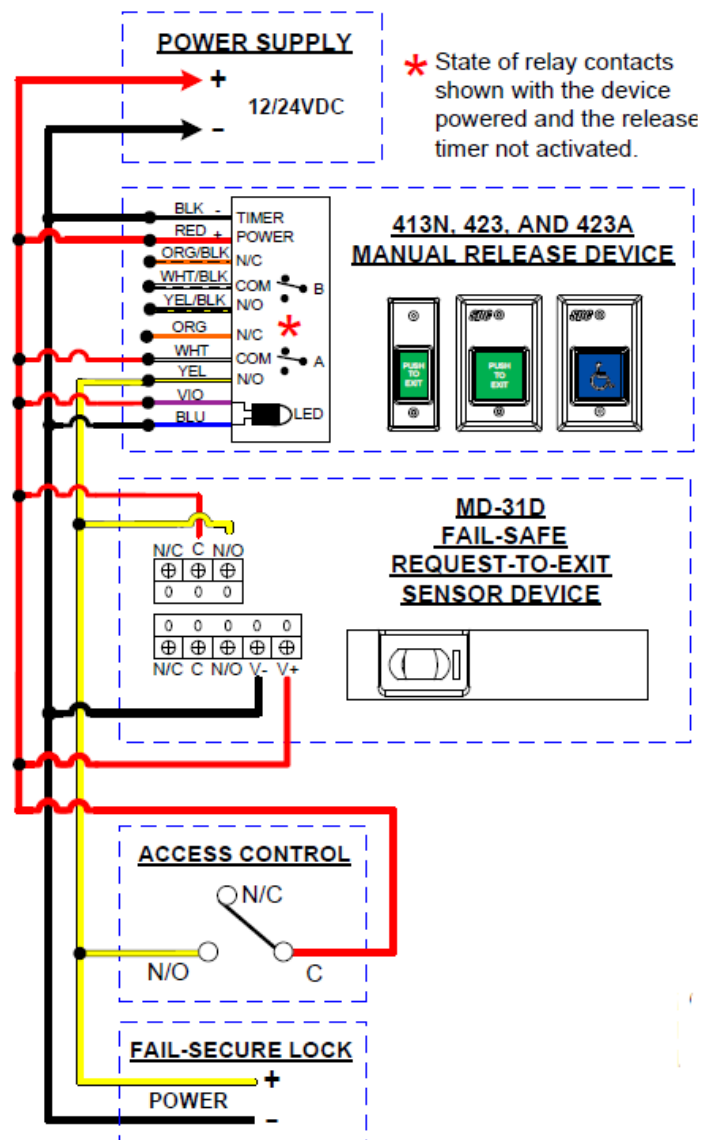
Electrical Specifications

- Input Voltage: 12/24 VDC @ 90mA
- LED Indicator: 12/24 VDC @ 10/20mA
- Output Relay: DPDT
- Max Load: 30 VDC @ 3Amp (Resistive/Inductive)
- Wire Size: 12~22AWG (Single)

Any suggestions or comments on this instruction or product are welcome. Please

contact us through our website or email engineer@sdcsecurity.com

TYPICAL FAIL-SECURE WIRING

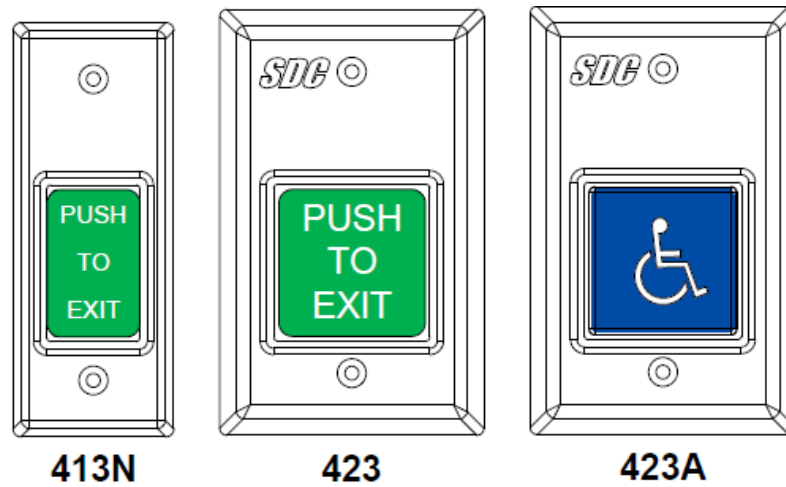**UL 294 Performance Rating**

- Level I: Line Security
    - Destructive Attack
    - Standby Power
- Level IV: Endurance

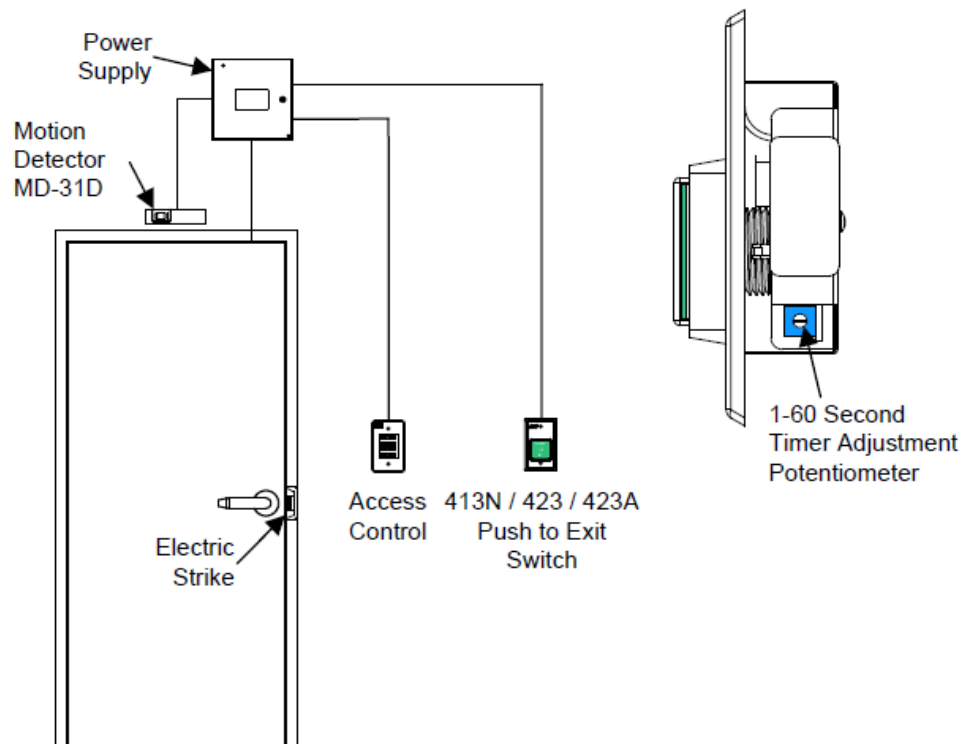All peripheral modules for UL compliance are required to be UL Listed, UL 294.

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Compliance with ANSI/NFPA 70 National Electrical Code

| 413N | 423 | 423A |

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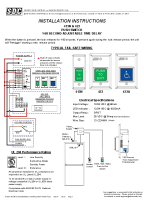- Wire Size: 12~22AWG (Single)

CONTACT

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- PO Box 3670, Camarillo, CA 93011

FAQ

- **Q: How do I adjust the time delay on the device?**

  - **A:** Use the potentiometer provided to adjust the time delay from 1 to 60 seconds.

- **Q: What power supply should I use with this product?**

  - **A:** Use a Class 2 power supply or a voltage-compatible UL 294 or UL 603 listed power supply for optimal performance and compliance.

- **Q: Can I use this product with an electric strike?**

  - **A:** Yes, this product can be used with an electric strike for enhanced security access control.

Documents / Resources

[SDC Push Second Adjustable Time Delay](#) [[pdf](#)] Installation Guide 413N, 423, 423A, Push Second Adjustable Time Delay, Second Adjustable Time Delay, Adjustable Time Delay, Time Delay

References

- [User Manual](#)

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