THE INTERLOCK REIMAGINED.





xtronics.ca

# X Tronics XDI<sup>™</sup> SERIES

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**Peace of mind within reach.** With the **X Tronics XDI™ Series**, improve speed and efficiency while eliminating costs and safety concerns.

A combination of performance and safety, the **X Tronics XDI™ Series** Door Interlock Switch is an electromechanical device designed to provide peace of mind when operating accessibility equipment by securing the landing or elevator door in place, preventing it from being opened in potentially unsafe conditions.

It's **industry-leading** design adapts to various applications including swing or sliding doors, dumbwaiters, material lifts, lifts for mobility impaired and private residence swing-door elevators.

Performance specifications		
Service Life	10 years	
Operating Temperature	-40°C to 38°C (-40°F TO 100.4°C)	
	Sealing: IP67 Sealed (with silicon boot)	
Storage Temperature	-40°C to 60°C (-40°C TO 140°F)	
Approval	Listing No. E10695	
Electrical Rating	1.5A MAX., 27VDC MAX	
Electrical Contacts	Long life (1,500,000 endurance cycles), Silver (Ag/AgSn02), Positive Openings, Snap-action., Self-cleaning.	
Features		
ASME A17.1, ASME A18.1, CSA B44, and CSA B355 compliant		
Two separate mechanical actions to indicate door closure		
No maintenance		
Metal key engagement		
Door closure retention cam to hold door with minimal key-to-interlock play		
Exceeds commercial pull force standard of 675 pounds		
Runway and landing key override for easy actuation without user hazard and code compliance		
Plug-in wire terminal available		
24VDC applications - Continous 100% duty cycle rated solenoid, 10W power consumption		
2.00 in W x 8.50 in H x 1.75 in D		
Available silicon boot for outdoor use		

## **Features**

As opposed to traditional door and gate latches, the **XDI™** helps protect personnel and equipment by preventing operation of drive mechanism unless the door is locked and closed. Further more, it prevents the landing door from opening until the cab is withing the door zone.

When the cabin has reached the desired landing, upon de-energizing (unlocking) the solenoid, the **XDI™** automatically releases the door or gate, allowing safe exit.

- Increased security and peace of mind for personnel and cargo.
- Meets required safety codes.
- Reliable performance and multiple design features to minimize nuisance stoppage.

### **Key benefits**

#### Innovative industrial design

- A modern design resulting from intensive usability research and analysis.
- Reduces OEM design and manufacturing costs.
- Fully machined and hardened aircraft aluminum/magnesium alloy casing for a robust and high-quality finish.
- High-contrast black finish and square shape that blends seamlessly with a wide variety of new and existing architectural designs.

#### Greater efficiency

- Reliable performance and multiple design features minimize nuisance stoppage.
- Simplified wiring and installation process.

#### 3 Seamless integration

■ The XDI<sup>™</sup> can be integrated into wide variety of current designs including; Swing and sliding doors, Dumbwaiters, Material lifts, Mobility and accessibility lifts, Private residence elevators, and more.

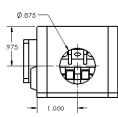


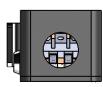
■ Balanced approach The XDI<sup>M</sup> provides the perfect blend of design and practical features.

▲ Seamless Integration The XDI™ can be integrated into wide variety of current designs.

## Configurations for your new or existing project.

XDI<sup>™</sup> Series Interlocks are available with a wide selection of configurations including left and right hand designs, allowing for simple installation, customization, and even retrofitting into current designs and projects. The **XDI™** design contributes to increased safety, reducing nuisance stoppages and service calls.





▲ OVERHEAD VIEW

Catalog N	umber ample: XDI — L S 5	Ø 250 TP 4 MOUNTING HOLES
(DI		
XDI™	Series	
nterlock confi	iguration	
L	Left-hand Interlock	
P	Right-hand Interlock RIGHT	
R	Right-hand Interlock RIGHT	
WIRING -		
S	Switch in series	
Р	Switch in parallel	
·		│
RUNWAY UN	NLOCK	<b>→</b> 1 750 → →
1	No runway unlock	
2	Minature barrel key	
3	Minature flush screw	
0		
4	Unlocking screw for flat blade Ø 1/2"	
_		
5	Unlocking thumb screw Ø 3/4"	
Optional p	parts	
XDI-BOOT	Silicon boot for outdoor use	
XDI-001-02	Replacement Engagement key	
XDI-002-25	Replacement Aluminum XDI™ cover	
XDI-002-26	Replacement Aluminum lock cap with Ø 1/16" dowel pins	1.375
XDI-002-28	Replacement Aluminum key cap with Ø 1/16" dowel pins	



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