



# DB1260

## Electric Deadbolt Lock



v.1.4  
2019-07-29

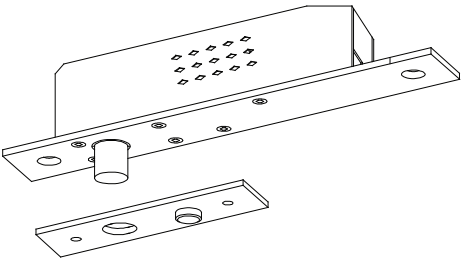
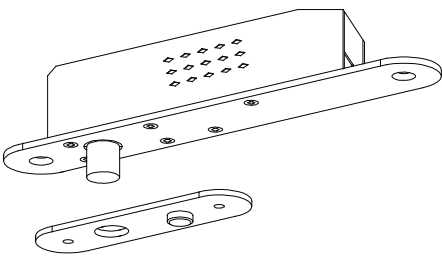







## Introduction

Electric dead bolt lock DB1260 as one of SOT's first high security narrow **profile** deadbolt product is **designed** for swing wooden door, metal door and glass door mounting on narrow door frames. DB1260 is available in separate formats of Power to Lock (PTL) and Power to Open (PTO). DB1260 has a holding force up to 400kgs on auto sensing voltage from 12VDC to 24VDC. DB1260 has further options of built-in Door Status Sensor (DSS), Remote Release control, Bi-color LED indicator, and Audible Tone. When comparing DB1260 with industrial Drop Bolt, it has the advantage of bolt protection to avoid possible damage with fast door closing and door misalignment.

## Specification



SPECIFICATION	DB1260 SERIES
Illustration	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>Square Shaped DB1260</p> </div> <div style="text-align: center;">  <p>Round Shaped DB1260 (Default)</p> </div> </div>
Certifications	<div style="display: flex; align-items: center;">    <div style="margin-left: 20px;"> <p>BS EN1634-1:2014 Fire rated 4 hours EN 1634-1:2014 Fire rated 4 hours DB1260 PTO with certification and fail secure reversible to fail safe</p> </div> </div>
Fail Safe/Fail Secure	DB1260-PTO; Power To Open DB1260-PTL; Power To Lock
Product Dimension	210L x 25W x 3H (mm) – Faceplate only Product Overall Depth 35mm
Strike Plate Dimension	91.8L x 25W x 3H (mm) – Faceplate only Depth 7mm
Bolt Dimension	12.7mm Diameter x 14.5 Depth (mm)
Lock Operating Voltage	12~24VDC ±10%
Lock Operating Current	12VDC – Rush: 1.15A; Hold: 0.25A 24VDC – Rush: 0.62A; Hold: 0.14A
Lock Holding Force	Up to 400kgs
Remote Release	External remote to release the locked door
Output Signals	<b>For DB1260-DR and DB1260-DRET only:</b> <b>Door Status Output (DSS) COM/NO/NC</b> Door closed or open status output





	Max 30VDC; Max 0.2A; Max 3W
LED Indicator	<b>For DB1260-DRET only, Status:</b> <ol style="list-style-type: none"> <li>1. Bolt extended successfully (blinks in GREEN every 5 seconds)</li> <li>2. Wait for bolt to extend (blinks rapidly in RED)</li> <li>3. Delay period (blinks slowly in RED)</li> <li>4. Wait for delay to start (RED)</li> <li>5. Bolt remain retract (RED/GREEN blinks alternatively)</li> </ol>
Audible Tone	<b>For DB1260-DRET only, Buzzer activated when:</b> <ol style="list-style-type: none"> <li>1. Bolt extended successfully (beep x 2)</li> <li>2. Bolt failed to extend (repeat beeping for 10 seconds)</li> <li>3. Bolt retract successfully (beep x1)</li> </ol>
Operating Temp	-10°C ~ 60°C
Weight	0.7kgs
Operating Humidity	0~80% (non-condensing)
Bolt Extend Delay	Time delay setting of 0/3/6/10 seconds
Surface Finish	Brushed Stainless Steel faceplate
Standard Packing	10 pcs/carton

## Project Reference and Advantage Table

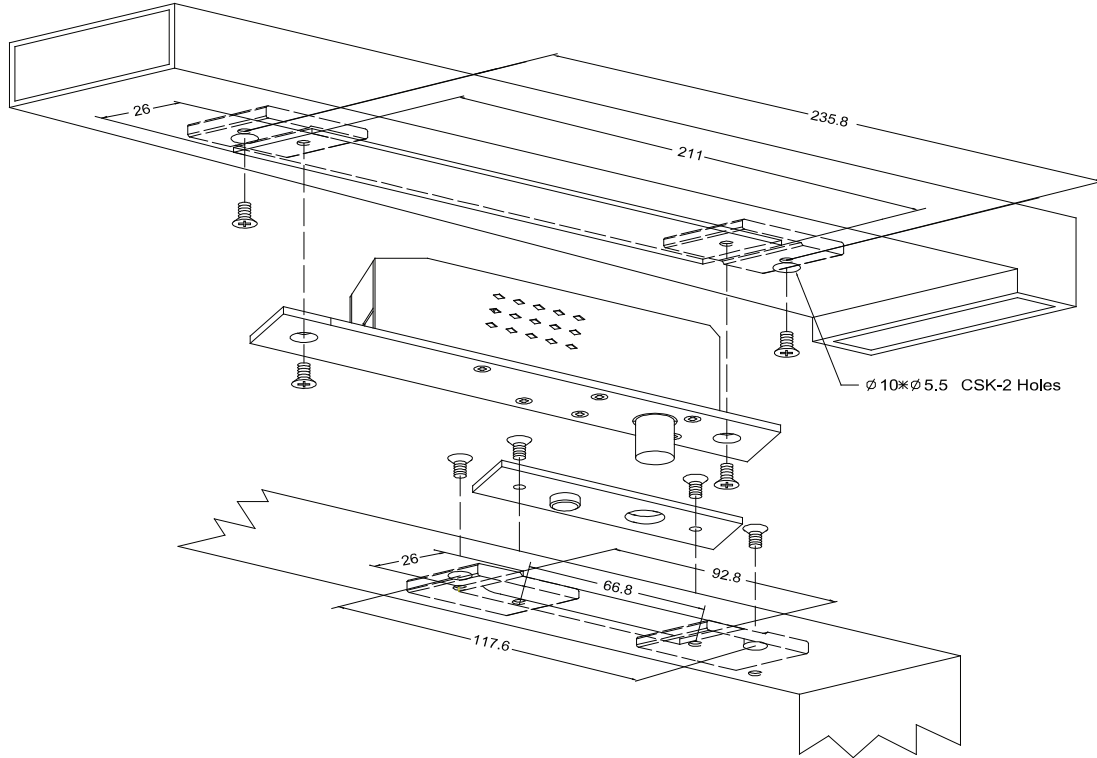
MODEL	DB1260 SERIES	
Project Reference Pictures		
	Glass door (with brackets) installation	Wooden door installation
Monitoring Signal	Built in Door Status Sensor	
Lock Function	Built in Auto Lock function; When the door is misaligned, the bolt cannot extend fully and the bolt will automatically retract to protect from damage.	
Time Delay	End user is able to choose from a Time Delay of 0/3/6/10 seconds; For "A" setting (please refer to Time Delay Section), the Time Delay is only available for Door Opening therefore bolt extended immediately after door is closed; For "B" setting (please refer to Time Delay Section), the Time Delay is available for both Door Opening and when door is closed therefore the bolt will wait for delay time to be elapsed before extending. This will prevent bolt from damage.	



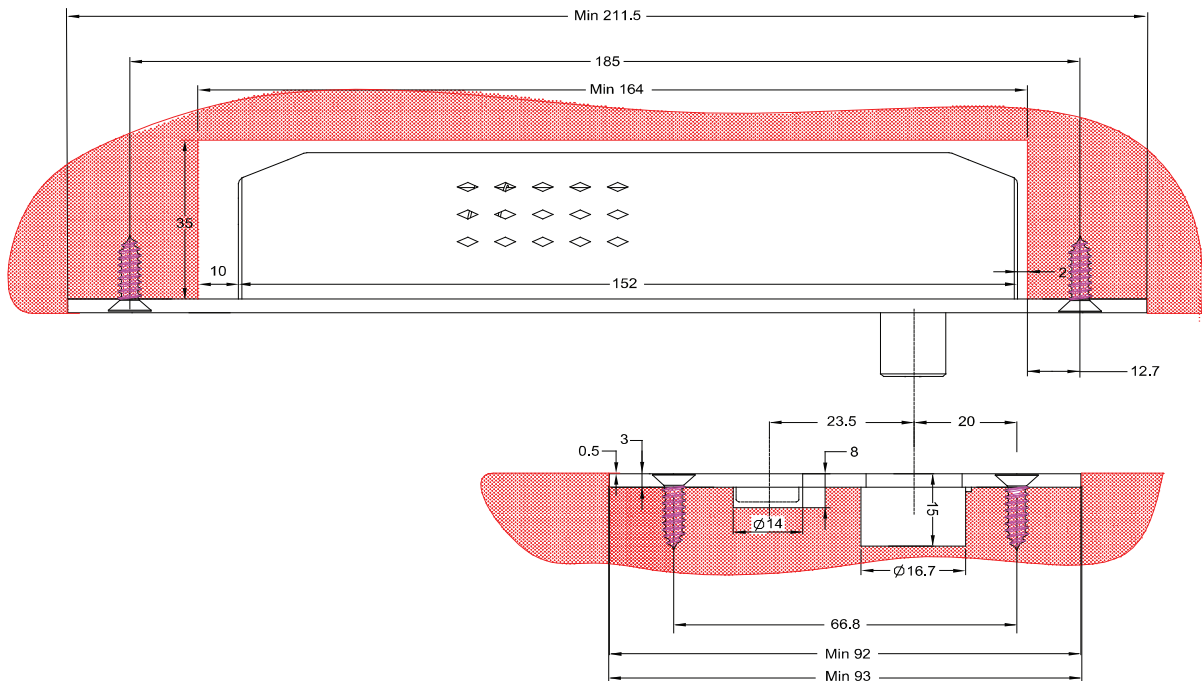


# Installations

## Aluminium, Metal, and PVC Door Installation:

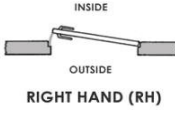
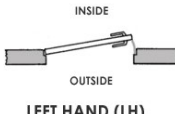


## Wooden Door Installation:





## DB1260 Series Models and Accessories

DB1260 SERIES	MODEL NUMBER	DESCRIPTION
Models	DB1260-DR-PTO	Door Status, Remote Release, Power to Open
	DB1260-DR-PTL	Door Status, Remote Release, Power to Lock
	DB1260-DRET-PTO	Door Status, Remote Release, LED, Tone, Power to Open
	DB1260-DRET-PTL	Door Status, Remote Release, LED, Tone, Power to Lock
Brackets	GB1260AB-R (Recommended due to better aesthetic)	Anti-tamper Glass Door Bracket for DB1260 series (Anti-tamper from exterior side), suitable for Right Hand Door. 
	GB1260AB-L (Recommended due to better aesthetic)	Anti-tamper Glass Door Bracket for DB1260 series (Anti-tamper from exterior side), suitable for Left Hand Door. 
	DB1260SSGH	Glass door U bracket for DB1260 series

