

MODEL NUMBER	START CURRENT		HOLD CURRENT		HOLDING FORCE	VOLTAGE	MODE	DIMENSIONS (mm)			MONITORING CONTACTS (rated at 300mA)
	12V	24V	12V	24V				Mortice L x W	Bolt Pin D x L	Faceplate L x W	
TB25	1100mA	1000mA	210mA	90mA	1000 kg	12 to 24 vdc	PTL & PTO	164 X 22	12.7 x 16	210 x 25	Bolt & Door
TB25KO	1100mA	1000mA	210mA	90mA	1000 kg	12 to 24 vdc	PTL & PTO	228 X 22	12.7 x 16	280 x 25	Bolt & Door & Key
TB32-38	450mA	300mA	370mA	185mA	1000 kg	12 or 24 vdc <i>(specify)</i>	PTL only	139 X 30	12.7 x 16	195 x 38 (32) <i>(specify width)</i>	Bolt & Door
TB38	1400mA	1100mA	260mA	105mA	2000 kg	12 to 24 vdc	PTL & PTO	164 x 33	14.3 x 14	202 x 38	Bolt & Door

TB25

This is the most popular model in the range. Having a very slim faceplate this dropbolt is designed to be installed in any type of door frame and can be converted from Power to Lock (PTL) to Power to Open (PTO). Smart electronic functions inside this dropbolt include: 8 x lock and unlock attempts, 8 second unlock delay, automatic relock after 8 seconds, power reduction circuitry to limit the holding current, and a one time thermal fuse cut-out in case of solenoid overheating. The faceplate and strike plate have been finished in stainless steel.

TB25KO

Functionally the same as the TB25 in every respect, the TB25KO differs in that it has a provision for a Euro profile key cylinder as a means of mechanical override in the event of power failure. The faceplate and strike plate are finished in stainless steel. *(refer to photo on front page)*

TB32-38 (TB32)

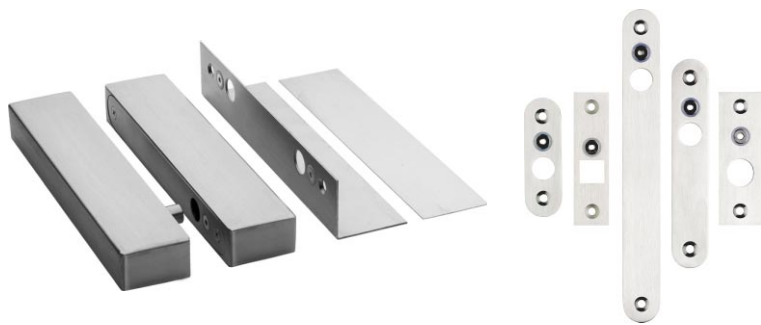
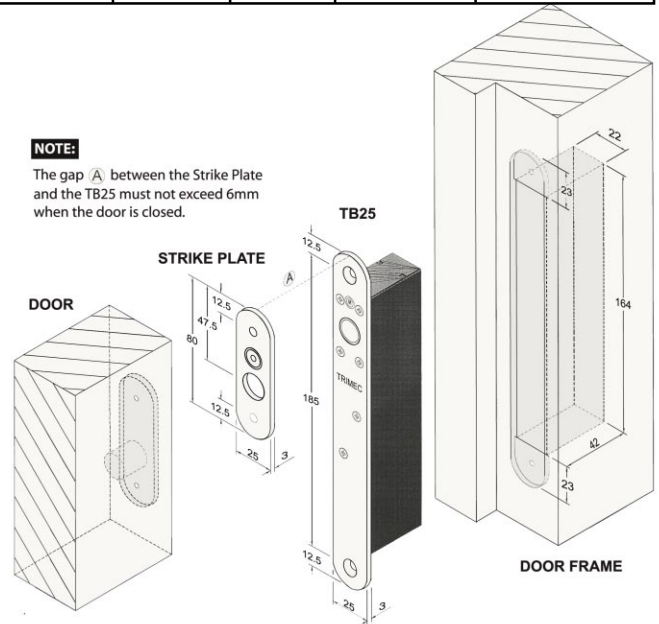
Having less features than the TB25 this dropbolt was designed for the cost conscious and is available in the Power to Lock configuration only. There are *no* on-board electronics and unlock and relock times must be controlled by the access control system. The standard bolt (TB32-38) is supplied with a **38mm wide** faceplate however a 32mm faceplate is available as an option (TB32). Please specify the faceplate size when ordering.

TB38

Functionally this dropbolt is the same as the TB25 in every respect apart from the faceplate, body and bolt pin dimensions which are given in the table at the top of this page. The faceplate and strike plate are finished in stainless steel.

NOTE:

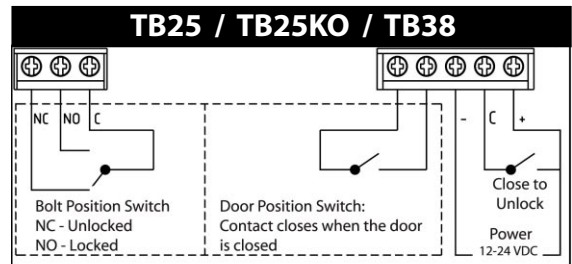
The gap **A** between the Strike Plate and the TB25 must not exceed 6mm when the door is closed.



An attractive range of glass door and surface mount accessories are available

A variety of strike plate options are also available upon request

Wiring Diagrams



NOTE: The dropbolts above require a 3 wire system.

- 1) continuous power supply (+ve),
- 2) switched power supply (+ve),
- 3) ground (-ve) negative return.

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