

deadlocking bolt

Slimline - DB25

The Alpro DB25 incorporates the latest design innovations to be applied to the manufacture of a transverse action Deadlocking Solenoid Bolt. This Ultra-slim design enables fixing into very narrow sections whilst an advanced microprocessor module provides power reduction allowing for continuous operation without heat generation as well as automatic voltage regulation, dual monitoring and access control features.

High Physical Security

Holding force 1,000kg - automatic deadlocking
Bolt throw 16mm

Robust Construction

All stainless steel bolt of 12.7mm diameter, linkages and springs. 3mm stainless steel faceplate and strike plates with fully enclosed mechanism.

Versatile Installation

Designed to provide concealed high security locking on any single or double action, hinged or sliding door in timber or metal for vertical or horizontal mounting.

Slimline Dimensions

210mm(L) x 25mm(W) x 42mm(D)

Back box 164mm(L) x 22mm(W) x 39mm(D)

Faceplates

Radius

Multiple Voltage Input

Any voltage from 12v DC -10% to 24v DC +15%. Complete with built in transient and reverse polarity protection and continuously rated solenoid.

Low Current Consumption

Volts	Current - Activate	Current - Hold (after 200ms)
12v DC	1100mA	210mA
24v DC	1000mA	90mA

Dual Monitoring

Bolt and Door position switches



DB38 - 38mm deadlocking bolt is also available

Built-in Access Control Module

Automatic unlock period - 8 seconds
Multiple auto relock function - PTL
Multiple unlock function - PTO

Accessories

Stainless steel surface mount kit

Approvals

EN 61000-6-1 : 2007

EN 61000-6-3 : 2007

Ordering Information/Specifications

Built-in Access Control Module

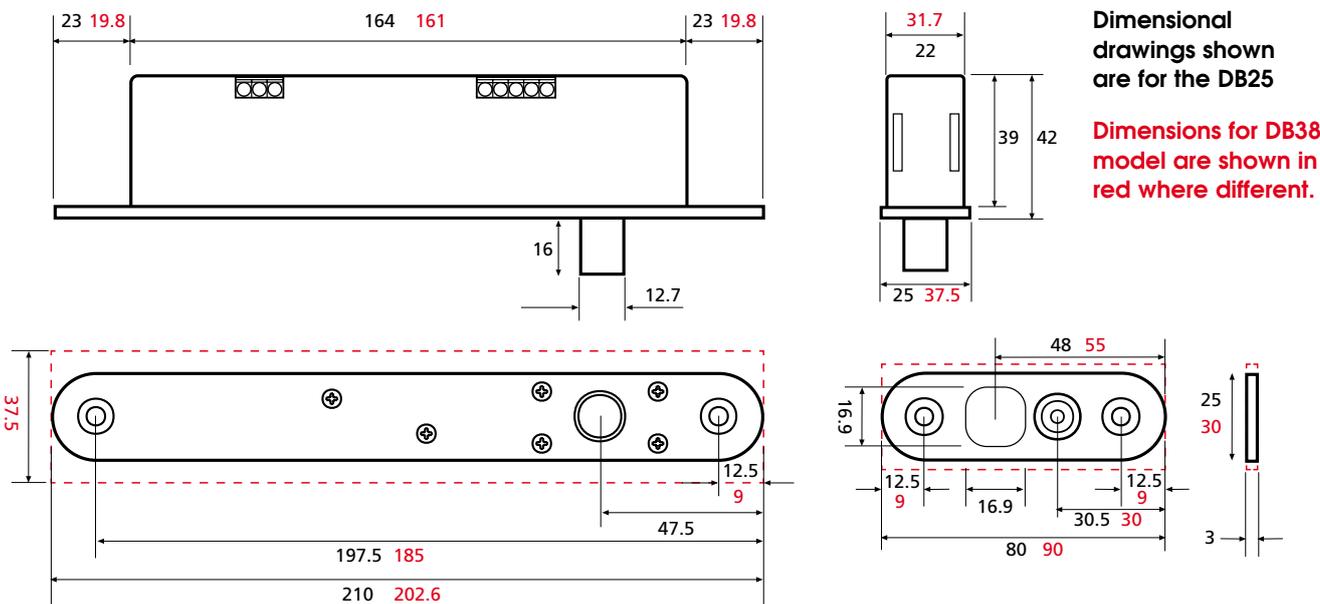
Automatic unlock period - a fixed 8 second period operates once the bolt is signalled to unlock. This enables traffic exiting 8 seconds in which to open the door before it automatically relocks. See Anti-Tailgate.

Multiple auto relock function - when relocking the bolt makes 8 locking attempts over 16 seconds. Change in the Bolt Position Switch status indicates that the door has been locked. Fail open models only.

Multiple unlock - in fail secure mode - 5 attempts to unlock door at 1.6 second intervals.

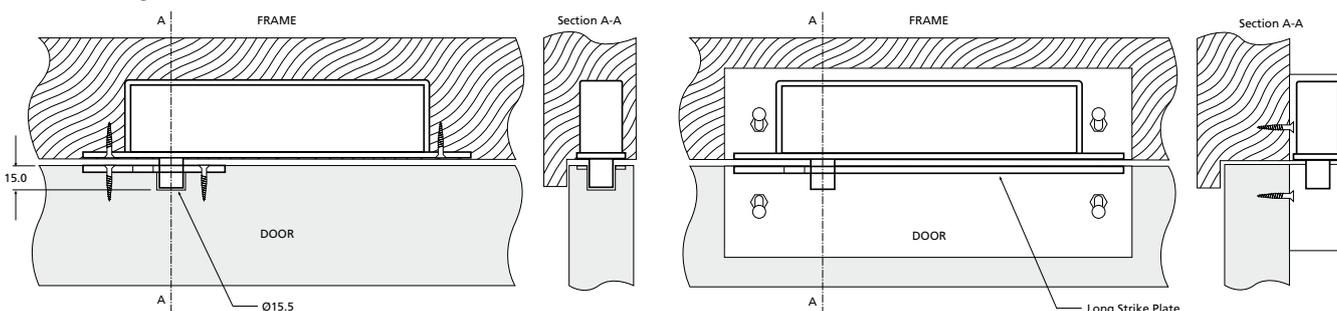
Anti-Tailgate - once the door has been pushed open and closed during the 8 second unlock period, the bolt will immediately relock.

DESCRIPTION	FUNCTION	CODE	FUNCTION	CODE
Slimline Solenoid Bolt 12/24v DC	Fail Open - Power to Lock	DB25 PTLOCK	Fail Secure - Power to Open	DB25 PTOPEN
Solenoid Bolt 38mm faceplate 12/24v DC	Fail Open - Power to Lock	DB38 PTLOCK	Fail Secure - Power to Open	DB38 PTOPEN
ACCESSORIES	FINISH	CODE		
Surface Mounting Kit	Stainless steel	DB25/SMH-KIT		



Normal fixing

Surface mount kit - stainless steel



Housing dimensions 225mm(L) x 27.4mm(W) x 46.5mm(D) for DB25

electric bolts

Selection Chart

	Slimline Security	Key Override	Slimline Security	Key Override	Latching Bolt	Security	Mini Security
Holding Force kg	1,000	1,000	1,000	1,000	1,000	-	-
Deadlocking	-	-	✓	✓	✓	-	-
Bolt material	SS	SS	SS	SS	SS	SS	SS
Bolt throw mm	15.5	14	16	16	16	15	13
Bolt diameter mm	14	14	12.7	12.7	12.7	15	12
Face plate material	SS	SS	SS	SS	SS	ALI	SS
Face Plate width mm	25	25	25	25	25	34/38	22
Overall dimension mm							
Length	210	230	210	280	210	203	150
Width	25	25	25	25	25	34/38	22
Depth	45	45	42	42	42	38	30
Back box dimension mm							
Length	160	180	164	230	164	167	118
Width	22	22	22	22	22	28	20
Depth	42	42	39	42	39	34	27
Current @ 12vDC							
Activate	740mA	740mA	1100mA	1100mA	1100mA	1000mA	700mA
Hold (after 200ms) *8 secs	120mA	120mA	210mA	210mA	160mA	250mA	100mA
Current @ 24vDC							
Activate	440mA	440mA	1000mA	1000mA	1000mA	-	-
Hold (after 200ms)	70mA	70mA	90mA	90mA	90mA	-	-
Monitoring							
Bolt position indicator	✓	✓	✓	✓	✓	✓	-
Door position switch	✓	✓	✓	✓	✓	✓	✓
Access Control Module							
Auto unlock period 8 secs	-	-	✓	✓	✓	-	-
Multiple relocking - 9 attempts over 16 secs	-	-	✓	✓	✓	-	-
Auto lock time delay - zero, 3, 6 or 9 secs)	✓	✓	✓	✓	✓	✓	✓
Surface Mount Kit	SS	-	SS	SS	SS	STEEL	SS
CE Approved	✓	✓	✓	✓	✓	✓	✓
Guarantee	3 years	3 years	5 years	5 years	5 years	3 years	3 Years
SERIES REF	EB250	EB250KO	DB25	DB25KO	DB25L	EB1001	EB501