

# alpro Slimline Deadlocking Bolt

## 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.

### Materials

Bolt Pin - Stainless Steel (SS304),  $\varnothing 12.7\text{mm}$ , 16mm Extension

Lock / Strike Plate - Stainless Steel (SS304), 3mm Thick

### Mechanical

Cycle Life - 1,000,000 normal operations

Maximum Strike Gap - 6mm

Holding Force - 10,000Newtons (1000kg)

### Electrical

Voltage at Lock - 12 - 24VDC  $\pm 15\%$

Current Usage - Maximum Holding Current  
95mA@24V

160mA@12V

Current Usage - Maximum Operating Current  
1250mA@12V 1000mA@24V

Monitor Switches - Bolt Position 25VDC, 0.5A

Door Position 100VDC, 0.5A

### Dual Monitoring

Bolt and door position switches

### Approvals

EN 61000-6-3 : 2021

EN 61000-4-2 : 2009

EN 61000-4-8 : 2010

EN 61000-4-3 : 2020

EN 61000-4-6 : 2014



## 5 YEAR GUARANTEE

## Built-in Access Control Module

**Selectable unlock period** – a field selector timer once the bolt is signalled to unlock. This enables traffic exiting 0, 3, 6 or 9 seconds in which to open the door before it automatically relocks. See Anti-Tailgate.

**Multiple auto relock function** – when relocking the bolt makes 9 locking attempts over 18 seconds. Change in the Bolt Position Switch status indicates that the door has been locked. Fail safe models only.

**Multiple unlock** – in fail secure mode 5 attempts to unlock door at 2 second intervals.

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

## Ordering Information

### Description

Slimline Solenoid Bolt 12/24v DC

Slimline Solenoid Bolt 12/24v DC

### Function

Fail Safe / PTL

Fail Secure / PTO

### Code

**DB25 PTLOCK**

**DB25 PTOPEN**

### Accessories

Surface Mounting Kit

Stainless steel

**DB25/SMH-KIT**

