

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

CycleLife - 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

Accessories

Surface Mounting Kit

Function

Fail Safe / PTL
Fail Secure / PTO

Stainless steel

Code

DB25 PTLOCK
DB25 PTOPEN

DB25/SMH-KIT

