

alpro

Slimline Deadlocking Bolt DB25



The Alpro DB25 incorporates the latest design innovations in the manufacture of a transverse-action, deadlocking solenoid bolt. Its ultra-slim design allows installation into very narrow sections, while an advanced microprocessor module provides power reduction for continuous operation without heat generation. The module also offers automatic voltage regulation, dual monitoring, and integrated access control features.

Materials

Bolt Pin - Stainless Steel (SS304), ø12.7mm,
16mm Extension Lock / Strike Plate -
Stainless Steel (SS304), 3mm Thick

Mechanical

Cycle Life - 1,000,000 normal operations
Maximum Strike Gap - 6mm
Holding Force - 10,000 Newtons (1000kg)

Electrical

Voltage at Lock - 12 - 24VDC ±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



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 12/24VDC
Slimline Solenoid Bolt 12/24VDC

Function

Fail Safe / PTL
Fail Secure / PTO

Code

DB25/PTLOCK
DB25/PTOPEN

Accessories

Surface Mounting Kit

Stainless Steel

DB25/SMH-KIT

