

ES8000 V-Lock & Strike Case

HARDWARE OPTIONS

TECHNICAL SPECIFICATIONS



ES8000

The ES8000, also known as the V-lock is a high torque motorised bolt that moves from the vertical position to the horizontal state when locked. The bolt moves into the V shaped strike plate pulling the door aligned with the lock. The high torque motorised bolt can be concealed from view or surface mounted and has the worlds first fail-open motor locking mechanism. Slim design with classic satin stainless steel faceplate, and significant 7mm overall (+/- 3.5mm) door misalignment tolerance make ES8000 a product with great aesthetic appearance as well as easy installation.

Features

- Side load - pre load capable. Lock will unlock with up to 15kg of side pressure, when wired in 3 wire mode. (1 x Permanent Power, positive 12-24Vdc) wire. Negative (0 volt return) wire, and 1 x Switching input (positive 12-24Vdc) wire
- Door misalignment of up to 3.5mm +/-
- Power to Lock (Fail Safe) / Power to Open (Fail Secure) field configurable
- High torque motorised locking and unlocking (3 wire mode)
- High speed operation. Unlocks in less than 1 second
- Surface mount accessory kit. Ideal for 180° swing through glass door applications
- Multiple orientation - Interior doors can be mounted vertically or horizontally (For exterior doors due to possible water ingress the ES8000 must be mounted horizontally)

Applications

- Steel doors
- Misaligned doors
- Timber doors
- Glass doors

Standards and Compliance

- Security - PAS24:2016
- Successfully fire rated for 60min in accordance with BS EN 1634-1
- CE & UKCA approved

