

ES8200 Technilock

General Information

ES8200 Technilock is a high security locking solution with comprehensive resistance against all types of attack and manipulation. Originally designed and developed for custodial purposes, the Technilock is in use today in Government Institutions, Banks, Embassies and Jewellers.

ES8200 is available in 30mm and 60mm backset, in both Power to Lock or Power to Open configuration. Key override monitoring version is also available upon special request.

Features

- Side load Pre Load capable – Bolt will release with up to 70kg of side pressure – ideal for use on doors with seals or doors that are subjected to high wind load or air-conditioning pressures
- Extreme holding force – Will withstand more than 2500kgs.
- Power to Lock and Power to Open (must be specified). Versions available on request. The bolt is not interchangeable in the field and configuration must be specified when ordering
- High speed operation – Locks in less than 1 second
- Multiple orientations – Can be mounted horizontally or Vertically
- Comprehensive monitoring – Bolt Locked, Door Closed, Optional Key-Override monitoring

Applications

- High security locking
- Government applications
- Custodial applications
- Banking and security applications



Standards and Compliance

SCEC Approved (Secure Area)

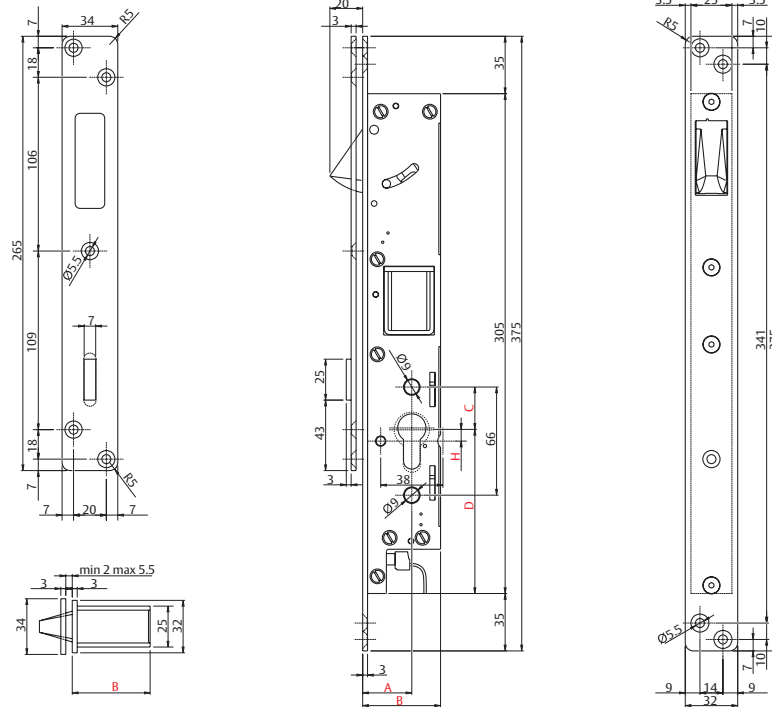


Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets).

ES8200 Technilock

Dimensions – 30mm Backset

A	30
B	47.5
C	25
D	101
H	8



ES8200 Technilock Technical Information

Voltage	3 wire control – 24 Vdc regulated supply only
Current	Start Current 4.5 Amp (24Vdc) for ½ second Holding Current 500mA (24Vdc).
Monitoring	Bolt Position 25mA (30Vdc) NC – Door Position 25mA (30Vdc) NC
Holding Force	In excess of 2500kg Holding Force
Pre Load	Will open with 70kg of Side Pressure (Pre-Load)
Bolt Throw	Dead Bolt throw of 20mm
Door Clearance	Maximum door gap = 5.5mm
Environment	Operational temperature range: -20°C to + 80°C
Lock Body	Solid Stainless Steel Construction
Lock Bolt	Solid Stainless Steel

Specification Statement

The lock must be capable of side pressure and with an overall holding force not less than 2500kgs. Also with side load pressure under pre Load condition up to 70kg. The lock could be mounted both horizontally or vertically. It also must be monitored in the following ways; bolt locked, door closed, with an optional Key-Override.

Ordering Information

Product Description	Part Number
ES8203 24Vdc Technilock Fail safe 30mm	118203-010
ES8203 24Vdc Technilock Fail safe 60mm	118203-011
ES8204 24Vdc Technilock Fail secure 30mm	118204-010
ES8204 24Vdc Technilock Fail secure 60mm	118204-011
Accessories	
Optional security escutcheon for ES8200 High Security Bolt	228200-000