



PRE LOAD ES90M

ES90M MONITORING

LOCK STATUS MONITORING (LSS) = LOCK LOCKED/UNLOCKED
DOOR STATUS / LATCH MONITORING SENSORS = DOOR OPENED/CLOSED
ANTI-TAMPER MONITORING = STRIKE SECURELY INSTALLED/STRIKE TAKEN OUT OF FRAME



**OPERATES WITH UP TO
25KG OF PRELOAD PRESSURE**

WHAT IS IT?

The LOX ES90M Electric Preload Strike is a premium, high security door strike engineered for the Australian commercial access control market.

Unlike conventional strikes, it reliably releases under preload pressures of up to **25kg**, overcoming air pressure differentials, door misalignment, warpage and heavy weather seals.

**AUSTRALIA'S
ELECTROMECHANICAL
LOCKING SPECIALISTS.
AUSTRALIAN OWNED.
AUSTRALIAN ENGINEERED.
ALWAYS AVAILABLE.**

WHY YOU NEED IT

- Operates with up to 25kg of preload pressure
- 10mm Strike-Lip – reducing potential hazards
- Multi Voltage Operation (10–30VDC)
- Factory Set – Fail-Secure (PTO).
Easy change to Fail Safe (PTL)
- Holding Strength up to 1300kg
- 5-year warranty
- Integrates with all access control systems



FEATURES & BENEFITS

- Operates with up to 25kg of preload pressure
- Manufactured from high grade stainless steel
- Pre-drilled for a variety of optional extension lips
- Weather resistant (IP54)
- Suitable for a wide range of door applications
- Tested to 2.5 Million Endurance Cycles

TECHNICAL SPECIFICATIONS

ES90M	Australian Profile Monitored Door Strike Mortice Mount Power to Open/Power to Lock field selectable.
Holding Strength & Durability	Up to 1300kg Tested to 2.5 Million Cycles
Voltage & Current	Multi Voltage 10-30VDC 350mA at 12VDC - 180mA at 24VDC Inrush Current <150ms: 1350mA at 12VDC - 680mA at 24VDC
Approvals & Standards	S8 Australian Standard AS 4145.2-2008 (Security) D8 Australian Standard AS 4142.2-2008 (Durability) RCM Compliant Up to 4 Hour Fire Rated in Accordance with AS 1905.1-2015
Preload	Up to 25kg
Strike Monitoring (DSS)	Status Sensor of the Internal Locking Mechanism
Door/Latch Monitoring (LSS)	Door Latch Sensor, Door Latch Engaged Within Strike
Anti-Tamper Monitoring (ATS)	Strike Removed
Environmental	IP54 Operational Temperature Range -10°C to +60°C

PRODUCT DIMENSIONS (MM)

