

ES90 SERIES

High Security Electric Strikes - Australian Footprint

ES90 DESCRIPTION

The **LOX ES90M** Electric PreLoad Strike is a premium, high-security door strike engineered to meet the demanding requirements of the Australian commercial access control market. Designed to perform reliably under conditions that typically hinder conventional strikes, the **ES90M** can operate seamlessly with up to **25kg** of preload pressure — including forces caused by air pressure differentials, warped or misaligned doors, and heavy weather seals.

Manufactured from high grade stainless steel, the **ES90M** supports multi-voltage operation (10–30VDC) and features a field-selectable fail-safe/fail-secure configuration that can be changed on-site using only a small screwdriver. It has a 10mm strike lip as standard, reducing potential hazards like clothing snags and personal injury — while offering pre-drilled compatibility with a variety of optional extension lips.

With a holding force of up to **1300kg**, a tested 2.7 million cycle endurance, and a quieter latch keeper compared to other strikes on the market, the **ES90M** sets a new benchmark in electric strike performance. Weather resistant (**IP54**) and non-handed, it is suitable for a wide range of door applications and integrates easily with all access control systems.



ES90M
MONITORED HIGH SECURITY STRIKE

ES90M MONITORING:

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

SPECIFICATIONS

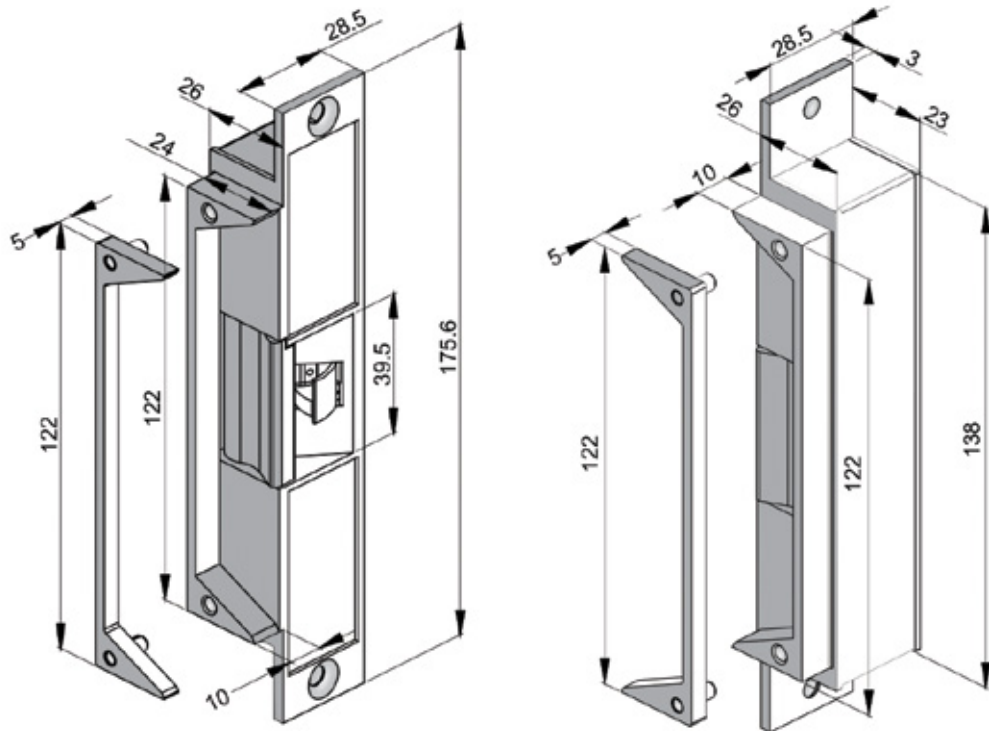
ES90M	AUSTRALIAN PROFILE MONITORED DOOR STRIKE. MORTICE MOUNT, POWER TO LOCK/POWER TO OPEN FIELD INTERCHANGEABLE CAPACITY.
HOLDING STRENGTH	UP TO 1300KG, TESTED TO 2.7 MILLION CYCLES
VOLTAGE/CURRENT	MULTI VOLTAGE 10—30VDC, 350mA AT 12VDC 180mA AT 24VDC. IN RUSH HIGH CURRENT 1 SEC: 1350mA AT 12VDC, 680mA AT 24VDC
APPROVALS	S8 AUSTRALIAN STANDARD AS4145.2-2008(SEcurity), D8 AUSTRALIAN STANDARD AS 4142.2-2008(DURABILITY) RCM COMPLIANT, UP TO 4 HOUR FIRE RATED IN ACCORDANCE WITH AS1905.1-2015
PRELOAD	UP TO 25KG
LSS MONITORING	STATUS SENSOR OF THE INTERNAL LOCKING MECHANISM
DSS MONITORING	DOOR LATCH SENSOR, DOOR LATCH ENGAGED WITHIN STRIKE
ATS MONITORING	DOOR STRIKE REMOVED OR REPOSITIONED SENSOR
ENVIRONMENTAL	IP54, OPERATIONAL TEMPERATURE RANGE - 10 DEG.C TO +60 DEG.C.



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PRODUCT DIMENSIONS



Dimensions (mm)

ES90M FACTS

- Operate with up to 25kg of preload pressure
- Multi voltage operation (10–30VDC)
- Field-selectable fail-safe/fail-secure
- 10mm strike lip as standard
- Holding force of up to 1300kg
- Tested to 2.7 million endurance cycles
- 5 year warranty
- Integrates with all access control systems

ACCESSORIES



ES20-EL15

LOX ES20 EXTENSION LIP 15MM

ES20-EL25

LOX ES20 EXTENSION LIP 25MM

ES20-EL50

LOX ES20 EXTENSION LIP 50MM

ES20-EL75

LOX ES20 EXTENSION LIP 75MM



ES20REBATE

LOX ES20 STAINLESS STEEL 13MM REBATE KIT

LOX
LOCKING

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