

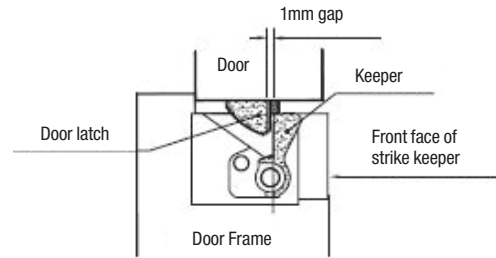
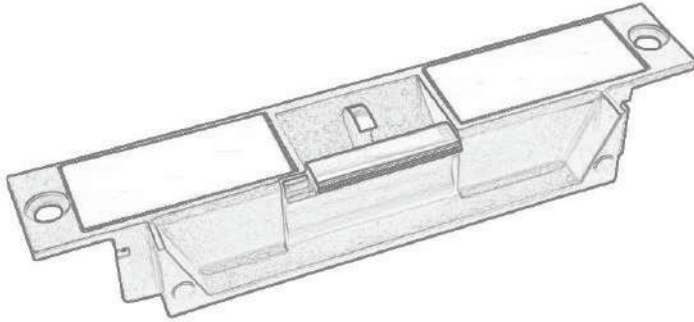
INTRODUCTION:

The patented **ES20** series of strikes are manufactured from stainless steel and accept voltages from 12 to 36VDC. It has a 10mm lip, is pre-drilled for extension lips and has a unique and simple fail secure (power to open)/ fail safe (power to lock) changeover function without the need to dismantle the strike.

ES20 - Unmonitored Australian profile Electric Door Strike.

ES20M - Fully monitored Australian profile Electric Door Strike with 3 forms of monitoring.

- **Lock Status Sensor (LSS)** - State of internal locking mechanism
- **Door Latch Sensor (DSS)** - Door latch engaged within strike keeper
- **Anti – tamper Sensor (ATS)** - Door strike removed or repositioned

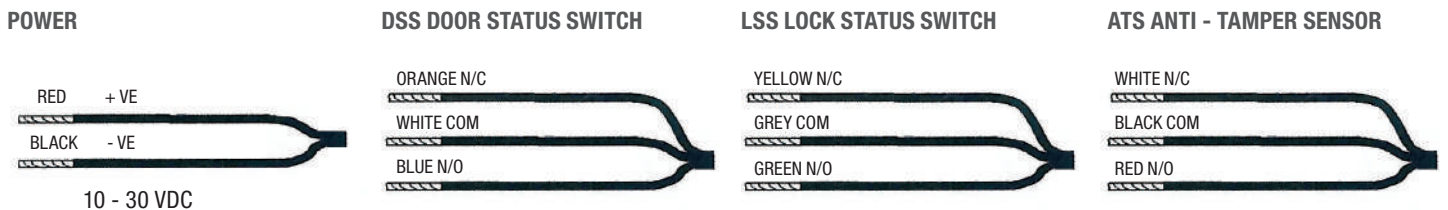


As drawn in the diagram above there should be a 1mm gap between the door latch and the front-face of the strike keeper, preventing the door from creating back pressure on the strike keeper when the door is closed.

TECHNICAL DATA:

ES20	AUSTRALIAN PROFILE NON MONITORED DOOR STRIKE. MORTICE MOUNT, POWER TO LOCK/POWER TO OPEN FIELD INTERCHANGEABLE CAPACITY.
ES20M	MONITORED VERSION OF THE ES20
HOLDING STRENGTH	UP TO 1000KG, TESTED TO 1.5 MILLION CYCLES
VOLTAGE/CURRENT	MULTI VOLTAGE 10—30VDC, 250MA AT 12VDC, 125MA AT 24VDC
APPROVALS	CE & C-TICK, 4 HOUR FIRE RATED TO A.S. AND B.S. STANDARDS
LSS MONITORING	STATUS SENSOR OF THE INTERNAL LOCKING MECHANISM
DSS MONITORING	DOOR LATCH SENSOR, DOOR LATCH ENGAGED WITHIN STRIKE KEEPER
ATS MONITORING	DOOR STRIKE REMOVED OR REPOSITIONED SENSOR
ENVIRONMENTAL	OPERATIONAL TEMPERATURE RANGE - 20 DEG. C TO 60 DEG. C.

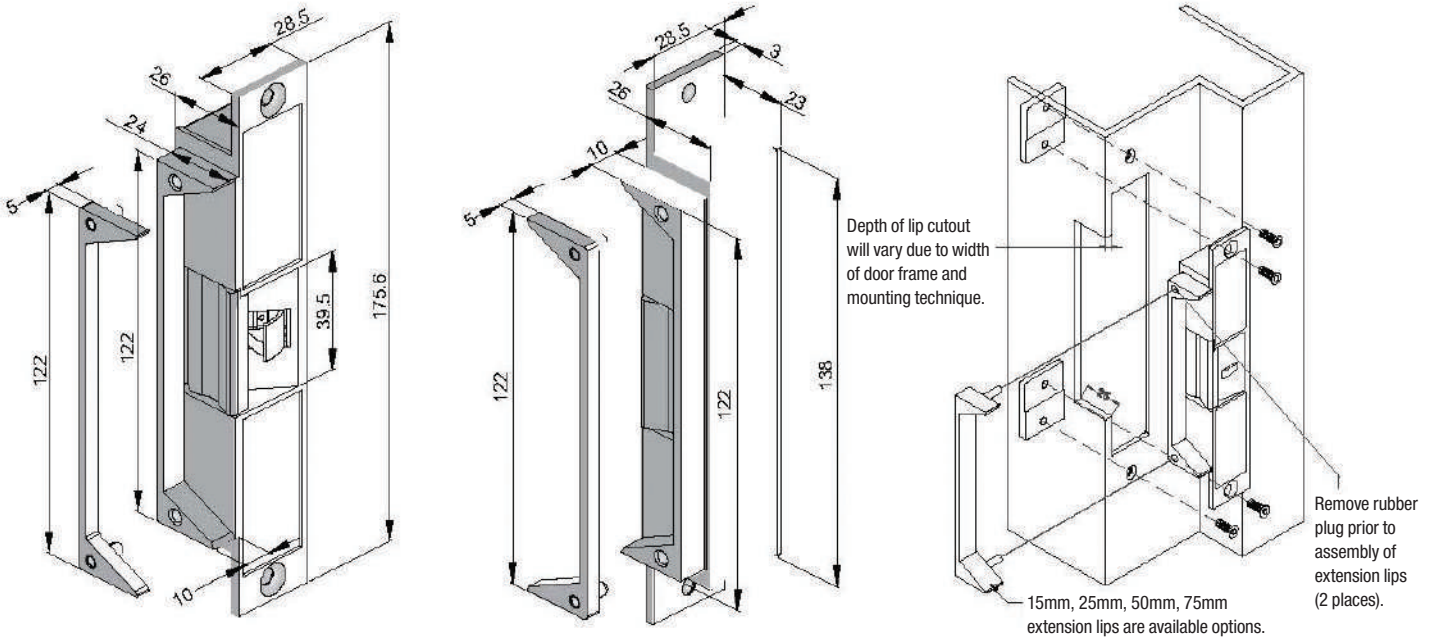
WIRING AND POWER INPUT REQUIREMENTS:



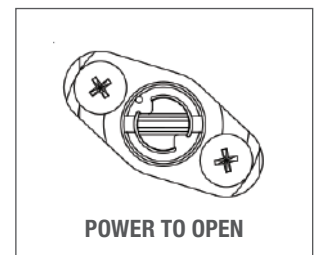
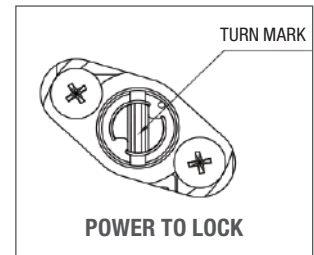
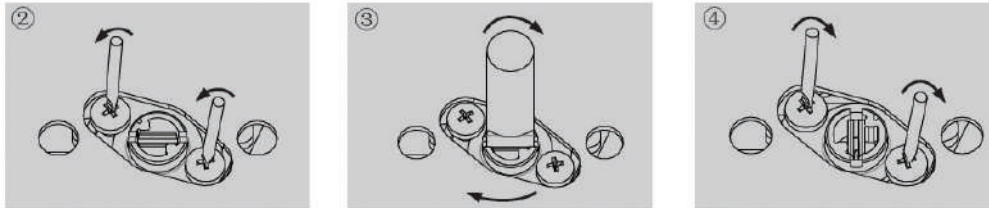
THE WIRING DIAGRAM IS SHOWN FOR THE LOCK BEING LOCKED, AND DOOR CLOSED.

NO ADDITIONAL DIODE PROTECTION IS REQUIRED.

DIMENSIONS:



CHANGING LOCK FUNCTION FROM FAIL SECURE TO FAIL SAFE



- Step 1: Disconnect power before performing any changeover.
- Step 2: Remove the protective cover and loosen up the two locking screws 2 turns.
- Step 3: 90° turn clockwise on the Cam axis. (Tip: Use a small slot screw driver to make the turn)
- Step 4: Tighten up the locking screws and put back on the protective cover.
- Step 5: The strike is now in the Fail Safe mode (PTL).

REVERSE ALL STEPS TO CHANGE FROM FAIL SAFE TO FAIL SECURE OPERATION

ORDERING DETAILS AND ACCESSORIES:

PART NUMBER	PRODUCT DESCRIPTION
ES20	NON MONITORED HIGH SECURITY ELECTRIC STRIKE
ES20M	MONITORED HIGH SECURITY ELECTRIC STRIKE
ES20M-M	ES20M WITH TWO FACEPLATE MAGNETS
ES20-EL15	ES20 EXTENSION LIP 15MM
ES20-EL25	ES20 EXTENSION LIP 25MM
ES20-EL50	ES20 EXTENSION LIP 50MM
ES20-EL75	ES20 EXTENSION LIP 75MM
ES20-REBATE	REBATE KIT FOR ES20 SERIES

