ELECTRIC MORTICE LOCK
500 Series - Technical Information

Technical specification
(available on request)

Operating Voltage :

Maximum Current :

Temperature Range :

Corrosion Resistance :

Fire Resistance :

Side Pressure :

Materials :

Finish :

Bolt Throw Length :

Case size :

Backset :

Forend Size :

Standards Complied With :

Fail Locked;/Fail Open :

Lock Status Monitoring :

Motor or solenoid operated :

Request to exit monitoring :

Mounting footprint of DCU :

- The Taylor 500 range of high security electrically operated mortice locks are designed to retrofit existing European size lock cases.
- Designed exclusively by Andrew Taylor, one of Europe's leading lock designers with over 40 years experience and thousands of locks already developed and sold. The revolutionary new mechanism is mounted in a DIN standard mortice lock case for ease of installation within the thickness of a typical exit door.
- The mechanical operation has been independently tested to comply with the requirements of British Standard BS EN 3621:2004, thereby ensuring acceptance and approval by all leading Insurance Companies.
- All electronic controls are fitted within the lock case ensuring that connecting wires, usually vulnerable to tampering and vandalism in any conventional access control system, are protected by the hardened steel anti-drill plates fitted to each side of the lock case.

Lock Status Monitoring: The Taylor 500 will report various conditions as follows

- Door Open
- Door Closed
- Door Locked – Bolt Thrown
- Door Unlocked – Bolt Withdrawn
- Bolt Jammed – midway
- Manual Key Operation
- Inner handle operated
- Outer handle operated

BRITISH STANDARD COMPLIANCE

Independent tests carried out by Sold Secure have indicated that the Taylor 500 lock complies with the mechanical requirements of **BS3621:2004** by achieving the required categories stated in **BS12209:2003** namely;

3	H	4	0	0	F	7	K	A	0	0

In furtherance of our support for British Standard compliance for Electromechanically Operated Locks we have sought testing to the draft standard that has yet to be ratified and released, **prEN 14846**. The test requirements for this standard as defined in **BS12209:2003** have indicated achieving the following results

3	H	4	0	0	L	7	A	K	0	0