

# Electro - Magnetic Locks

SLIMLINE & STANDARD  
LOCKING SOLUTIONS

Deedlock has always set the standard for high performance electro-magnetic locks, trusted by installers and door manufacturers globally. The new 2025 range of Slimline & Standard variants builds on our reputation for the highest quality magnet in the industry.

**Holding Force:** Deedlock magnets are now even stronger with 26% more holding force than our old variant and 50% stronger than our nearest competitors. The magnet holding force is critical for the integrity of any access control system, ensuring that doors are secure even under threat.

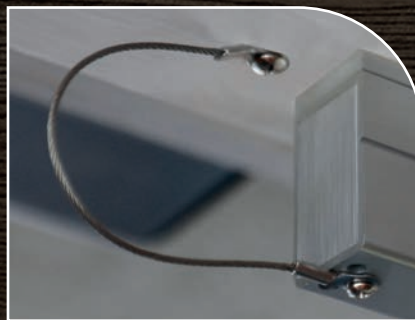
**Visual Indication:** Providing clear indication of the door status is important in locations such as hospitals and heavy traffic environments, our new L shape indicator provides 180° degree visual indication for easier visual awareness.

**Additional Accessories:** To improve safety on site, we now offer safety straps for our new slimline & standard electro-magnets. In the event that the magnet should come away from the mounting, the safety straps will ensure the magnet does not fall of the door frame and cause any potential injury.

**Improved Aesthetics:** Curved edges and a sleeker design provide a more visually appealing electro-magnetic lock.



IMPROVED STATUS INDICATION: 180°



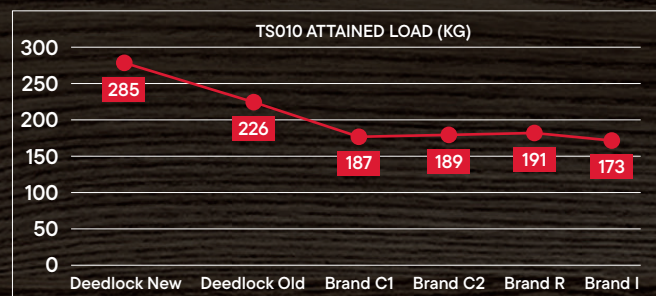
SAFETY STRAPS



IMPROVED AESTHETICS

## ELECTRO-MAGNETIC LOCKS: QUALITY V PRICE

PRODUCT	ATTAINED LOAD (KG)
DEEDLOCK NEW	285
DEEDLOCK OLD	226
BRAND C1	187
BRAND C2	189
BRAND R	191
BRAND I	173



Electro-magnetic locks are a common component of any access control system and are available from multiple suppliers and manufacturers at a variety of different cost prices and qualities. In 2022 CQR began our work to benchmark the quality of Electro-Magnets across the industry with a third-party test house. Typically, electro-magnets are often referred to as having 'up to' 600lb (Slimline) & 1200lb (Standard) holding forces but with large variations in cost prices to the installers.

In practical installation, Electro-magnets are often secured with brackets such as a Z&L configuration. Typically, a bracket will reduce the holding force of the magnet on the door by up to 70% due to the flexibility of the bracket. At CQR we performed our third-party testing to the Doors and Hardware Federations technical standard (TS010:2019) for Electro-magnets to verify the actual holding force of the armature plate on the magnet in a practical installation.

The results clearly demonstrated a significant difference in quality of holding force between the different magnets, which is critical to the integrity of your access control system. The new Deedlock range of Electro-magnets are now supported by 26% more holding force than our previous product and a 50% stronger holding force than our nearest competitors ensuring your site is safe and secure.



# ELECTRO-MAGNETIC LOCKS - Slimline



Fire resistance performance tested to the criteria of BS EN 1634-1:2014 + A1: 2018, for 30 & 60 minutes

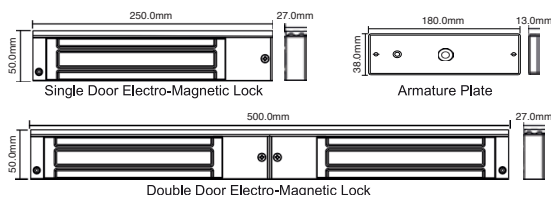


## PRODUCT DESCRIPTION

- Deedlock Slimline Electro-Magnetic Locks
- Available in monitored & un-monitored versions
- Available as single & double
- Suitable for medium use traffic applications
- 12/24V DC Self-Regulating
- 5 year warranty
- Optional brackets & accessories available

## PRODUCT SPECIFICATION

MAGNET SIZE (MM): SINGLE	L250 X H50 X D27
MAGNET SIZE (MM): DOUBLE	L500 X H50 X D27
ARMATURE SIZE (MM)	L180 X H38 X D13
HOUSING FINISH	Satin Anodised Aluminium
WEIGHT	2.0KG (Single) 4.5KG (Double)
VOLTAGE	12/24V DC Self-Regulating
CURRENT: SINGLE	12v = 500mA (+/-10%) 24v = 250mA (+/-10%)
CURRENT: DOUBLE	12v = 1000mA (+/-10%) 24v = 500mA (+/-10%)
WARRANTY	5 Years
NOMINAL HOLDING FORCE	600 lbf (2660N) (272kgf) Per Single Door
TS010 GRADE	TS010 Grade 2



PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
AEM20001	AEM10001	Deedlock Slimline Unmonitored Electro-Magnetic Lock
AEM20001/KIT	AEM10001/KIT	Deedlock Slimline Unmonitored Electro-Magnetic Lock & Z&L Bracket Kit
AEM20002	AEM10002	Deedlock Slimline Monitored Electro-Magnetic Lock
AEM20002/KIT	NEW	Deedlock Slimline Monitored Electro-Magnetic Lock & Z&L Bracket Kit
AEM20003	AEM10003	Deedlock Slimline Double Unmonitored Electro-Magnetic Lock
AEM20004	AEM10004	Deedlock Slimline Double Monitored Electro-Magnetic Lock



# ELECTRO-MAGNETIC LOCKS - Slimline Accessories

PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
SLM/AH	AEMBR018	Deedlock Slimline Armature Housing
SLM/L	AEMBR008	Deedlock Slimline L Bracket
SLM/ZL	AEMBR089	Deedlock Slimline Z&L Bracket
SLM/L/ARC	AMH590/LA	Deedlock Slimline Architectural L Bracket

PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
SLM/ZL/ARC	AMH590/ZA	Deedlock Slimline Architectural Z&L Bracket
AEM/STRAPS	N/A	Deedlock Safety Straps
SINAEM10	SINAEM1	Single Magnet Intumescent Kit
SINAEM20	SINAEM2	Double Magnet Intumescent Kit

**ARMATURE HOUSING  
SLM/AH**



**SAFETY STRAPS  
AEM/STRAPS**



**Z&L BRACKET  
SLM/ZL**



**L BRACKET  
SLM/L**



**ARCHITECTURAL Z&L BRACKET  
SLM/ZL/ARC**



**ARCHITECTURAL L BRACKET  
SLM/L/ARC**



**SINGLE MAGNET INTUMESCENT KIT  
SINAEM10**



**DOUBLE MAGNET INTUMESCENT KIT  
SINAEM20**



Graphite Sleeves for FD30 & FD60 Timber Doors with Face to Face Electro-Magnetic Locks, must be used where the product is bolted through the door.



# ELECTRO-MAGNETIC LOCKS - Standard



Fire resistance performance tested to the criteria of BS EN 1634-1:2014 + A1 : 2018, for 30 & 60 minutes

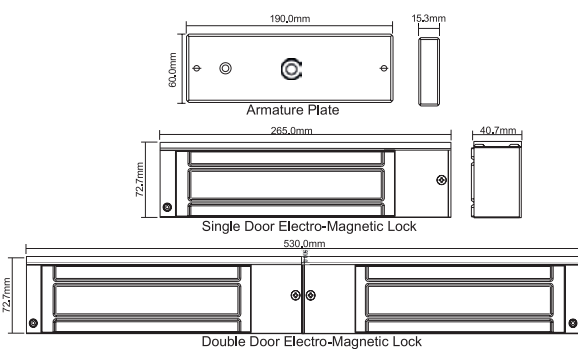


## PRODUCT DESCRIPTION

- Deedlock Standard Electro-Magnetic Locks
- Available in monitored & un-monitored versions
- Available as single & double
- Designed for medium to high traffic areas
- Suitable for entry & exit door installs
- 12/24V DC Self-Regulating
- 5 year warranty
- Optional brackets & accessories available

## PRODUCT SPECIFICATION

MAGNET SIZE (MM) : SINGLE	L265 X H72.7 X D40.7
MAGNET SIZE (MM) : DOUBLE	L530 X H72.7 X D40.7
ARMATURE SIZE (MM)	L190 X H72.7 X D15.3
HOUSING FINISH	Satin Anodised Aluminium
WEIGHT	4.4KG (Single) 9KG (Double)
VOLTAGE	12/24V DC Self-Regulating
CURRENT : SINGLE	12v = 500mA (+/-10%) 24v = 250mA (+/-10%)
CURRENT : DOUBLE	12v = 1000mA (+/-10%) 24v = 500mA (+/-10%)
WARRANTY	5 Years
NOMINAL HOLDING FORCE	1200 lbf (5337N) (545kgf) Per Single Door
TSO10 GRADE	TSO10 Grade 3



PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
AEM20010	AEM10010	Deedlock Standard Unmonitored Electro-Magnetic Lock
AEM20020	AEM10020	Deedlock Standard Monitored Electro-Magnetic Lock
AEM20060	AEM10060	Deedlock Standard Double Unmonitored Electro-Magnetic Lock
AEM20040	AEM10040	Deedlock Standard Double Monitored Electro-Magnetic Lock



# ELECTRO-MAGNETIC LOCKS - Standard Accessories

PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
STD/AH	AEMBR016	Deedlock Standard Armature Housing
STD/L	AEMBR006	Deedlock Standard L Bracket
STD/ZL	AEMBR026	Deedlock Standard Z&L Bracket
STD/L/ARC	AMH595/LA	Deedlock Standard Architectural L Bracket

PRODUCT CODE (NEW)	PRODUCT CODE (OLD)	PRODUCT DESCRIPTION
STD/ZL/ARC	AMH595/ZA	Deedlock Standard Architectural Z&L Bracket
AEM/STRAPS	N/A	Deedlock Safety Straps
SINAEM10	SINAEM1	Single Magnet Intumescent Kit
SINAEM20	SINAEM2	Double Magnet Intumescent Kit

**ARMATURE HOUSING  
STD/AH**



**SAFETY STRAPS  
AEM/STRAPS**



**Z&L BRACKET  
STD/ZL**



**L BRACKET  
STD/L**



**ARCHITECTURAL Z&L BRACKET  
STD/ZL/ARC**



**ARCHITECTURAL L BRACKET  
STD/L/ARC**



**SINGLE MAGNET INTUMESCENT KIT  
SINAEM10**



**DOUBLE MAGNET INTUMESCENT KIT  
SINAEM20**



Graphite Sleeves for FD30 & FD60 Timber Doors with Face to Face Electro-Magnetic Locks, must be used where the product is bolted through the door.



**CUSTOMER SERVICE/  
TECH SUPPORT**

14-16 HOGHTON STREET,  
SOUTHPORT, MERSEYSIDE,  
PR9 0PA, UK

**ACCOUNTS TEAM**

110B WALSALL ROAD,  
CANNOCK, STAFFORDSHIRE,  
WS11 0JB, UK

**MANUFACTURING/  
DISTRIBUTION**

125 PASTURE ROAD,  
MORETON, WIRRAL,  
CH46 4TH, UK

**MAIN: +44 (0)151 606 1000**

**INFO@CQR.CO.UK  
TECH@CQR.CO.UK**

**CQR.CO.UK**



**DISTRIBUTED BY:**