

Weather Resistant Electromagnetic Lock



The Lockwood Padde Series Weather Resistant Electromagnetic Lock operates with Nominal Holding Force of 430kg *. Covering a range of applications these are ideal where magnets are exposed to the weather. With fixing options including wood, aluminium and steel constructions as well as glass door applications, the range caters to most external needs. The electromagnets are available in monitored models using hall-effect monitoring. These electromagnetic locks are CSIRO approved for use on fire doors and are characterised by their high quality and proven reliability in both fire and security applications. The “smart electronics” have zero residual magnetism meaning instantaneous release when required. An additional advantage is the ability to select either 12V or 24V DC application on site.

Key Features

- Fail-safe: unlocks when power is removed
- Easy installation: suitable for both new and retrofit usage
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: no humming or buzzing
- Dual voltage: site selectable 12 or 24 Vdc
- Monitored versions: hall-effect status monitoring available
- 5 Year Tricare Warranty (Padde Series)

Monitoring

Hall / Bond Monitoring

Hall-effect position sensors are non-contact devices that convert energy from a magnetic field into an electrical signal. This indicates that the lock is powered and that the armature plate is in position and magnetically bonded (it monitors if the magnet is locked).

Applications

- Outdoor / exposed doors
- Doors located in coastal areas

Product Details

	Z8 Weather Resistant Electromagnet
Nominal Holding Force	430kg *
Dimensions	(L)230 x (H)67 x (D)43 mm
Voltage	12Vdc/ 24Vdc $\pm 10\%$
Current	512mA @ (12Vdc) 256mA @ (24Vdc)
Monitoring	Hall-Effect
Operating Temperature	-25 to 55 Degrees
Operating Humidity	0-95%

* Stated Nominal Holding Force represents a reliable indicative measure of expected performance but it may vary depending on installation and environmental factors

Standards and Compliance



CE Approved

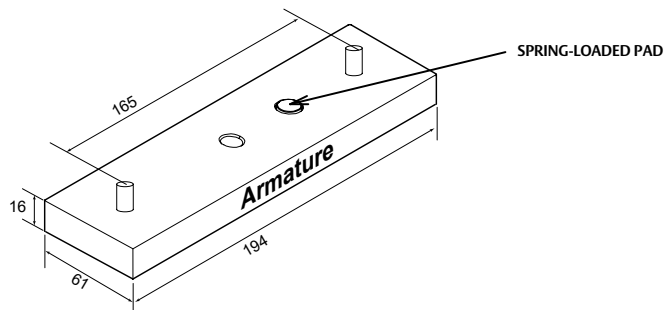
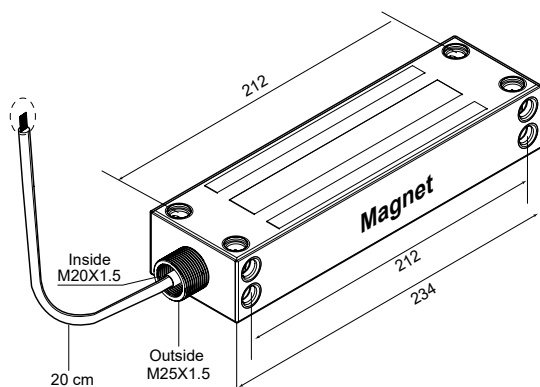


C-Tick Certified

Weather Resistant Electromagnetic Lock



Z8 Weather Resistant Electromagnetic Lock - Monitored



Ordering Information

Part Number	Product Description
EMZ8-WSM	EMZ8 E/Magnet Weather Res 12/24Vdc Single Monitored

Specification Statement

The Weather Resistant Electromagnetic Lock should be constructed in an aluminium case with heavy duty electromagnet. The range only operates in fail safe mode and relies on a secondary lock or battery backup system. In some cases the magnet armature plate pivots to accommodate door drop.

Electromagnetic Lock Accessories



L and Z Brackets



Angle Bracket



Armature Plate



Glass Door "U" Bracket

The Lockwood Padde Series Electromagnetic Lock range offers a number of accessory options. These accessories allow the electromagnetic locks to be used in a number of different applications and can be adjusted and suited to each situation. This allows the installer to configure the door as required allowing user specific features such as open in / open out selection or glass door applications. Lockwood's Electromagnetic Lock accessories meet or exceed local and international standards, providing safe and secure locking.

Key Features

- Adjustable fixing positions
- Cast aluminium construction
- Meet and exceed international and local standards

Applications

- Open in/open out doors
- Glass door security
- Double doors security
- Sliding door security

Ordering Information

Part Number	Product Description
Z4 Brackets	
EMZ4B-SLZ	EMZ4 Bracket Single L & Z
EMZ4B-DLZ	EMZ4 Bracket Double L & Z
EMZ4B-GU	EMZ4 Bracket Glass U 12Mm
EMZ4B-GA	EMZ4 Bracket Glass Armature
EMZ4B-AN	EMZ4 Bracket Armature Non Monitored
EMZ4B-AM	EMZ4 Bracket Armature Monitored W/Magnet
EMZ4B-SMP	EMZ4 Bracket Single Mounting Plate
EMZ4B-DMP	EMZ4 Bracket Double Mounting Plate
Z8 Brackets	
EMZ8B-SLZ	EMZ8 Bracket Single L & Z
EMZ8B-DLZ	EMZ8 Bracket Double L & Z
EMZ8B-GU	EMZ8 Bracket Glass U 12Mm
EMZ8B-GA	EMZ8 Bracket Glass Armature
EMZ8B-DMP	EMZ8 Bracket Double Mounting Plate
EMZ8B-SMP	EMZ8 Bracket Single Mounting Plate
EMZ8B-AN	EMZ8 Bracket Armature Non Monitored
EMZ8B-AM	EMZ8 Bracket Armature Monitored W/Magnet