

Z4 and Z8 Single Series Non Monitored



The Lockwood Padde Series Single Series Electromagnetic Locks operate with holding forces from 250kg up to 580kg. Covering a range of applications the Z4 and Z8 Electromagnets are ideal for applications from cupboard doors through to high use commercial swing doors.

With fixing options including wood, aluminium and steel constructions as well as glass door applications, the range caters to most electromagnetic needs.

Key Features

- Fail-safe: unlocks when power is removed
- Easy installation: suitable for both new and retrofit usage
- High holding force: refer to the technical data overleaf
- Self-alignment: armature plate pivots to accommodate door drop
- Silent operation: no humming or buzzing
- Dual voltage: site selectable 12 or 24 Vdc
- Instantaneous release: smart electronics on the Z Series Electromagnets eliminate residual magnetism
- 5 Year Tricare Warranty (Padde Series)




Applications

- Aluminium doors
- Glass doors
- IT storage rooms
- Access control
- Surface mount for inward and outward swinging doors

Product Details

	Z4 Magnet	Z8 Magnet
Holding Force	250kg-280kg	550kg-580kg
Dimensions	(L)238 x (H)48 x (D) 27 mm	(L)266 x (H)72 x (D) 40 mm
Voltage	12Vdc/ 24Vdc ±10%	12Vdc/ 24Vdc ±10%
Current	450mA @ (12Vdc) 225mA @ (12Vdc)	512mA @ 12Vdc 256mA @ (24Vdc)
Monitoring	None	None
Operating Temperature	-25 to 55 Degrees	-25 to 55 Degrees
Operating Humidity	0-95%	0-95%

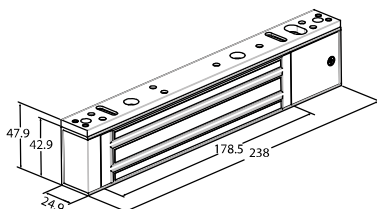
Standards and Compliance

-  Successfully fire rated up to 4 hours on fire door assemblies in accordance with AS1905.1.2005 (Part 1: Fire Resistant Doorsets)
-  CE Approved
-  C-Tick Certified

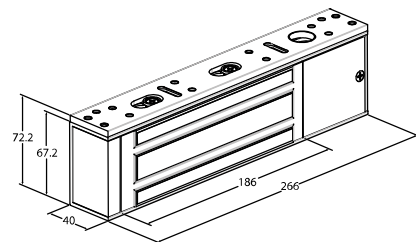
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Z4 Electromagnetic Lock - Non Monitored



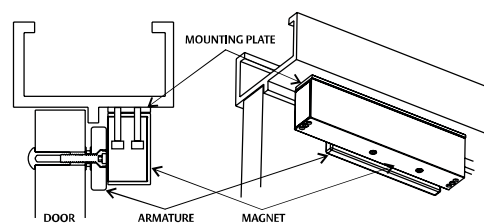
Z4 Electromagnetic Lock



Z8 Electromagnetic Lock



Z8 Electromagnetic Lock - Non Monitored



Typical Install for Z4 & Z8 out swinging doors.

Ordering Information

Part Number	Product Description
EMZ4-SN	EMZ4 E/Magnet 12/24Vdc Single Non Monitored
EMZ8-SN	EMZ8 E/Magnet 12/24Vdc Single Non Monitored
Accessories	
EMZ4B-SLZ	EMZ4 Bracket Single L & Z
EMZ4B-GU	EMZ4 Bracket Glass U 12Mm Glass
EMZ4B-GA	EMZ4 Bracket Glass Armature
EMZ4B-AN	EMZ4 Bracket Armature Non Monitored
EMZ4B-SMP	EMZ4 Bracket Single Mounting Plate
EMZ4SP-SC	EMZ4 Spare Part Screw Kit
EMZ8B-SLZ	EMZ8 Bracket Single L & Z
EMZ8B-GU	EMZ8 Bracket Glass U 12Mm Glass
EMZ8B-GA	EMZ8 Bracket Glass Armature
EMZ8B-AN	EMZ8 Bracket Armature Non Monitored
EMZ8B-SMP	EMZ8 Bracket Single Mounting Plate
EMZ8SP-SC	EMZ8 Spare Part Screw Kit

Specification Statement

The Single Series 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. The lock needs to be equipped with "smart electronics" that have zero residual magnetism (instantaneous release). This is crucial for correct operation.