



EM4500FS SERIES

Weather Resistant
Series



200Kg Holding Force



Power to Lock



Over 1 Million Cycles
Usage Lifespan



Anti-Corrosion Plating
Passed 96Hrs Salt Spray Test



Ingress Protection
Certification



Front or Side Fixing
Arrangement



Robust Stainless
Construction

FEATURE

The EM4500FS series are a dual operating 12/24VDC Fail-Safe small weather resistant electromagnetic lock of stainless steel body with no residual magnetism having a holding force up to 200kg, for interior or exterior security with a built-in surge protection. It has Lock Status Sensor (LSS), Additional Door status sensor (DSS) are also available on order and dual front or side fixing arrangement.

SPECS



RoHS

IP67

Fail Safe
Dimension
Weight
Operating Voltage
Operating Current
Holding Force
Operating Conditions
Output Signals
Surface Finishes
Residual Magnetism

Power to Lock	
Lock Body	L 163.6 x W 31.5 x H 25.8mm
Armature Plate	L 145 x W 30 x H 8.7mm
1Kg	
12/24VDC ±10%	
12VDC – 350mA	24VDC – 180mA
200Kg	
Temperature	-10°C ~ 60°C
Humidity	0 ~ 85% (non-condensing)
Lock Status Sensor (LSS) Option	Door Status Sensor (DSS) Option
COM/NO: Max 30VDC; Max 0.3A	COM/NO: Max 30VDC; Max 0.3A
Full weather resistant stainless Steel finish	
High Quality Plating for Anti-corrosion (96 Hrs Salt Spray Corrosion Tested)	
No residual magnetism	

*No spring rebound mechanism on armature plate is required to overcome residual magnetism

MODELS

	Lock Status Sensor Monitoring	Door Status Sensor Monitoring
EM4500FS W/O		
EM4500FS	•	
EM4500FS DSS	•	•

ACCESSORIES

L&Z CCW30
BL 4500L

In-swing door L&Z bracket
L bracket and mounting plate for Sliding Door application