

ONETOP

EM5700 SERIES

Light Panel
Electromagnetic
Lock



Up to 550-580Kg Holding Force



Fail Safe Operation



Over 1 Million Cycles
Usage Lifespan



Up to 4 Hours
Fire Resistance Integrity
EN 1634-1:2014 / BS EN 1634-1:2014 /
BS 476-22:1987



Anti-Corrosion Plating
Passed 96 Hrs Salt Spray Test



Red/Green/Off
High Visibility Light Panel

FEATURE

EM5700 is an innovative series of Fail Safe locking devices designed for corridor and entrance doors where safety is of paramount importance. Its unique L-angle Light Panel makes easy status observation and a modern appearance suited for contemporary environments with holding force up to 550-580Kg, Door Status Sensor (DSS), Lock Status Sensor (LSS) monitoring, and high corrosion resistance.

Fire Alarm Condition

When connected via a set of normal open contacts to the building complexes fire alarm system, the EM5700 Series will release immediately during "fire alarm condition" and automatically reset once the fire alarm has been cleared.

SPECS



EN 1634-1:2014
BS EN 1634-1:2014
BS 476-22:1987
4 Hrs Fire
Resistance Integrity



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

MODELS

EM5700
EM5700 DSS
EM5700D
EM5700D DSS

ACCESSORIES

L&Z EM5700
L&Z EM5700D
ATB5700
CHA

Power to Lock

Lock Body	L 268 x W 73 x H 40mm (Single) L 535 x W 73 x H 40mm (Double)
Armature Plate	L 190 x W 61 x H 16mm L 252 x W 61 x H 16mm (DSS)
Weight	4.9Kg (EM5700/EM5700DSS) 9.8Kg (EM5700D/EM5700D DSS)
Operating Voltage	12/24VDC ±10%
Operating Current	12VDC – 530mA 24VDC – 260mA *Double Door x 2
Holding Force	550-580Kg
Operating Conditions	Temperature -10°C ~ 60°C Humidity 0 ~ 95% (non-condensing)
Output Signals	Lock Status Output (LSS) Option Door Status Output (DSS) Option Light Panel Option COM/NO/NC: Max 24VDC; Max 0.2A COM/NO/NC: Max 30VDC; Max 0.2A Red/Green/Off

Anodized Aluminum Housing

High Quality Plating for Anti-corrosion
(96 Hrs Salt Spray Tested)

Less than 2Kg

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

Built-in Light Panel	LSS Monitoring	DSS Monitoring	Early Warning	Double Door
•	•			
•	•	•		
•	•			•
•	•	•	•	•

In-swing door L & Z bracket

Double in-swing door L & Z bracket

Adjustable L bracket - narrow door frame

Armature plate holder - for no-drilling door mounting