

ONETOP

EM3500/F SERIES

Fire Rated
Environmental Friendly
Electromagnetic Lock
Backlight Series



100J Dynamic
Impact Resistance



300Kg Holding Force



Over 1 Million Cycles
Usage Lifespan



Power to Lock



Anti-Corrosion Plating
Passed 96Hrs Salt Spray Test



Red/Green/Off
High Visibility Backlight

FEATURE

The EM3500/F single and double swing surface mount electromagnetic lock operates on 12 or 24 VDC setting on a highly visible LED backlight. It has both Lock status sensor (LSS) and Door status sensor (DSS). Electromagnetic lock & armature plate are quality plated to operate over a million operation that instantly release to unlock when powered OFF without any residual magnetism. This new design has been tested to be fire rated for 3 hours and product has been classified to be environmental friendly.

SPECS



Fail Safe	Power to Lock		
Dimension	Lock Body	L 238 x W 48 x H 26mm (Single) L 476 x W 48 x H 26mm (Double)	
	Armature Plate	L 185 x W 38 x H 12mm	
Weight	2.3Kg (Single) / 4.6Kg (Double)		
Operating Voltage	12/24VDC ±10%		
Operating Current	12VDC – 510mA	24VDC – 270mA	*Double Door X 2
Holding Force	300Kg		
Impact Energy	100J		
Operating Conditions	Temperature	-10°C ~ 60°C	
	Humidity	0 ~ 85% (non-condensing)	
Output Signals	Lock Status Sensor (LSS)	Door Status Sensor (DSS)	Red/Green/Off Backlight
	COM/NO/NC: Max 24VDC; Max 1A	COM/NO: Max 24VDC; Max 0.2A	
Surface Finishes	Anodized Aluminum Housing		
	High Quality Plating for Anti-corrosion		
	(96 Hrs Salt Spray Corrosion Tested)		

MODELS

	Backlight	Lock Status Sensor Monitoring	Door Status Sensor Monitoring	Double Door
EM3500 DSS/F	•	•	•	
EM3500D DSS/F	•	•	•	•

ACCESSORIES

L&Z 3500 / L&Z 3500D	In-swing door L&Z bracket Single and Double
UBG12M	Glass door bracket for 12mm thick glass door
CHB	Armature plate holder
ATB 3500	Adjustable L bracket