

ONETOP

EM3500/F SERIES

Fire Rated
Environmental Friendly
Electromagnetic Lock
Back Light Series



UP TO 280Kg
True Holding Force



Power to Lock



Over 1 Million Cycles
Usage Lifespan



Anti-Corrosion Plating
Passed 96Hrs Salt Spray Test



Red/Green/Off
High Visibility Back Light

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

Dimension

Weight

Operating Voltage

Operating Current

Holding Force

Operating Conditions

Output Signals

Surface Finishes

Power to Lock

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

2.3Kg (Single) / 4.6Kg (Double)

12/24VDC $\pm 10\%$

12VDC – 510mA

24VDC – 270mA

Double Door X 2

280Kg

Temperature

-10°C ~ 60°C

Humidity

0 ~ 85% (non-condensing)

Lock Status Sensor
(LSS)

COM/NO/NC:

Max 24VDC; Max 1A

Door Status Sensor
(DSS)

COM/NO:

Max 24VDC; Max 0.2A

Red/Green/Off
Back Light

Anodized Aluminum Housing

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

MODELS

	Back Light	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