

Electromagnetic Lock

LM Series



LM-180



LM-280



LM-350



LM-500

Electromagnetic locks apply the principle of electromagnetism. When the electric current passes through the silicon steel sheet, the electromagnetic lock will produce a strong suction force to tightly attract the iron plate to lock the door.

A small electric current will produce a great magnetic force. When users turn off the power of the electromagnetic lock, it will lose its suction, so that users can open the door.

Specifications

Model Series	LM180	
Photo		
Model	LM1802	LM1805
Operating Voltage	DC12V	DC12V
Operating Current	420mA ± 5%	420mA ± 5%
Temperature Rise	+15°C (Ambient temperature of 29°C; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41°C)	
Interface	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC
Tensile Force Range	120kg ± 8%	120kg ± 8%
Dimensions (W*H*D)	Lock body: 170*40*20(mm) Iron plate: 130*33*11(mm)	Lock body: 170*40*20(mm) Iron plate: 130*33*11(mm)
Gross Weight	1.016kg	1.029kg

Dimensions(mm)	
----------------	--

Mounting Brackets	LMB-180L / 180U / 180Z / 180ZL LMD-180L / 180Z / 180ZL
-------------------	---

Model Series	LM280	
---------------------	--------------	--

Photo		
-------	--	--

Model	LM2802	LM2805
-------	--------	--------

Operating Voltage	DC12V	DC12V
-------------------	-------	-------

Operating Current	450mA ± 5%	450mA ± 5%
-------------------	------------	------------

Temperature Rise	+15°C (Ambient temperature of 29°C; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41°C)	
------------------	---	--

Interface	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC
-----------	--------------------	---

Tensile Force Range	200kg ± 5%	200kg ± 5%
---------------------	------------	------------

Dimensions (W*H*D)	Lock body: 250*47*25.5(mm) Iron plate: 180*38*11(mm)	Lock body: 250*47*25.5(mm) Iron plate: 180*38*11(mm)
--------------------	---	---

Gross Weight	1.77kg	1.77kg
--------------	--------	--------

Dimensions(mm)	
----------------	--

Mounting Brackets	LMB-280L / 280U / 280Z / 280ZL LMD-280L / 280Z / 280ZL
-------------------	---

Model Series	LM350	
---------------------	--------------	--

Photo		
-------	--	--

Model	LM3502	LM3505
-------	--------	--------

Operating Voltage	DC12V	DC12V
-------------------	-------	-------

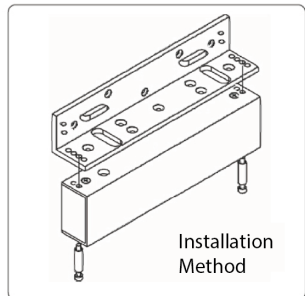
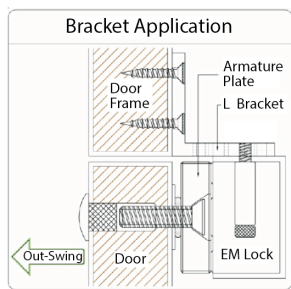
Operating Current	400mA ± 5%	420mA ± 5%
-------------------	------------	------------

Temperature Rise	+15°C (Ambient temperature of 29°C; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41°C)	
------------------	---	--

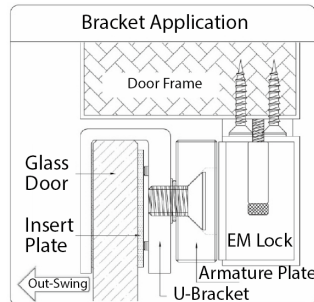
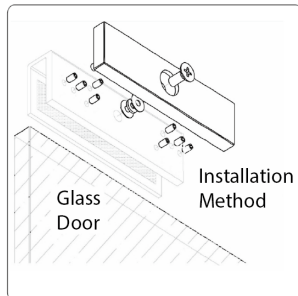
Interface	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC
Tensile Force Range	240kg ± 5%	240kg ± 5%
Dimensions (W*H*D)	Lock body: 246*56.5*27.5(mm) Iron plate: 158*43*11(mm)	Lock body: 246*56.5*27.5(mm) Iron plate: 158*43*11(mm)
Gross Weight	2.07kg	2.07kg
Dimensions(mm)		
Mounting Brackets	LMB-350L / 350U / 350Z / 350ZL	

Model Series	LM500	
Photo		
Model	LM5002	LM5005
Operating Voltage	DC12V	DC12V
Operating Current	410mA ± 5%	450mA ± 5%
Temperature Rise	+15°C (Ambient temperature of 29°C; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41°C)	
Interface	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC
Tensile Force Range	410kg ± 5%	410kg ± 5%
Dimensions (W*H*D)	Lock body: 265*74.7*39(mm) Iron plate: 185*60*16(mm)	Lock body: 265*74.7*39(mm) Iron plate: 185*60*16(mm)
Gross Weight	4.33kg	4.33kg
Dimensions(mm)		
Mounting Brackets	LMB-500L / 500Z / 500ZL	

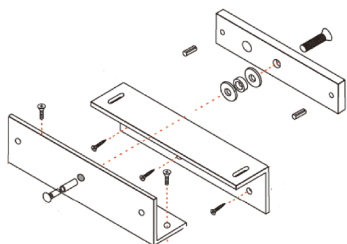
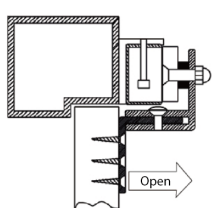
Mounting Brackets Installation(L / U / Z / ZL)



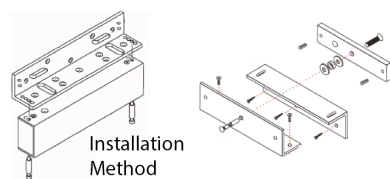
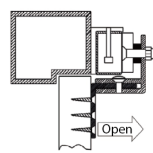
L



U



Z



ZL

