Electromagnetic Lock

CM Series

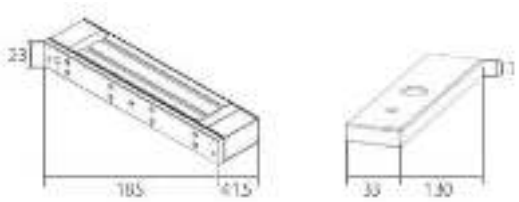
CM-180 CM-280 CM-350 CM-500

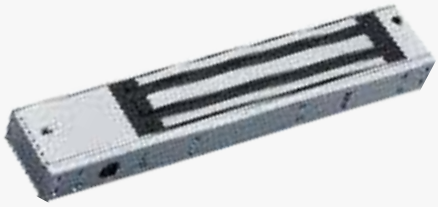
Electromagnetic locks apply the principle of electromagnetism. When the electric current passes through the silicon steel sheet, the electromagnetic lock will produce a strong suction force to tightly attract the iron plate to lock the door.

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.

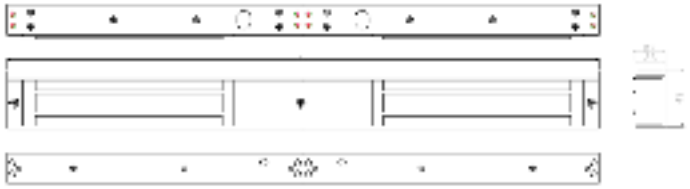
Specifications

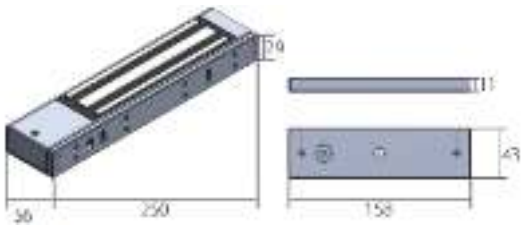
Model Series	CM-180			
Photo				
Model	CM-180S	CM-180	CM-180HS	CM-180H
Operating Voltage	12V/24V			
Operating Current	12V, 280mA ± 10%; 24V, 140mA ± 10%			
Temperature Rise	+15°C (Ambient temperature of 29°C; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41°C)			
Interface	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC	Red: + Black: -	Red: + Black: - Yellow: NO Green: COM White: NC
Tensile Force Range	120kg ± 10kg		140kg±10kg	
Dimensions (W*H*D)	Lock body: 185*41.5*23 ±2mm; Iron plate: 130*33*11 ±2mm			
Gross Weight	1.13kg			
Surface Technology	Sand blasting		Wiredrawing	

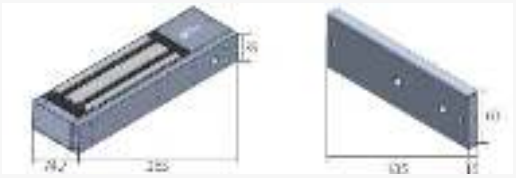
Dimensions(mm)	
Mounting Brackets	CM-180BU / 180BL / 180BZ / 180BZL

Model Series	CM-280				
Photo					
Model	CM-280S	CM-280	CM-280HS	CM-280H	CM-280HW
Operating Voltage	12V/24V				
Operating Current	12V,420mA ± 10%; 24V,210mA ± 10%				
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	12V, GND	12V, GND, NO COM, NC	12V, GND	12V, GND, NO; COM, NC	
Tensile Force Range	210kg±10kg		250kg±10kg		
Dimensions (W*H*D)	Lock body: 250*48.5*27 ±2mm Iron plate: 180*38*13 ±2mm				
Surface Technology	Sand blasting		Wiredrawing		
Number of support doors	Single Door				
Waterproof	/				IP65
Gross Weight	1.8kg				
Dimensions(mm)					
Mounting Brackets	CM-280BU / 280BL / 280BZ / 280BZL / 280BLC / 280BI				

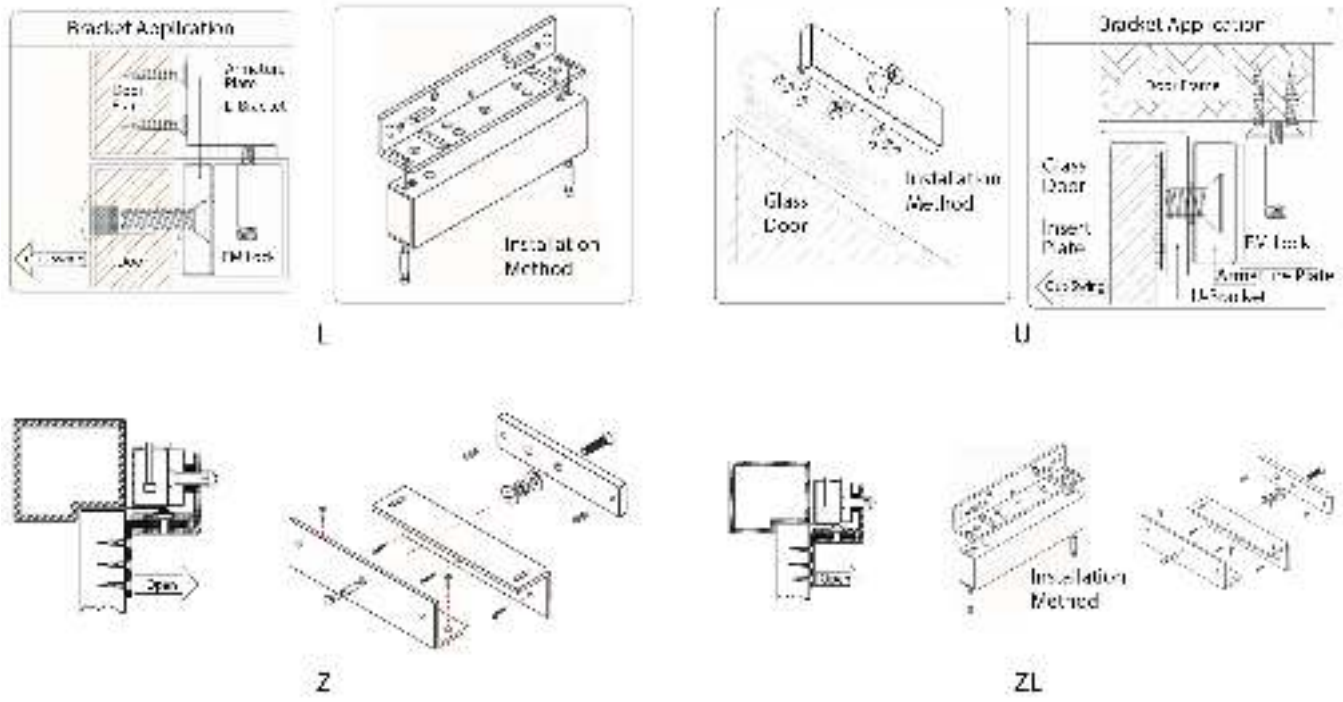
Model Series	CM-280D			
Photo				
Model	CM-280DS	CM-280D	CM-280DHS	CM-280DH
Operating Voltage	12V,420mA ± 10%; 24V,210mA ± 10%			
Operating Current	450mA ± 5%			

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	12V, GND	12V, GND, NO COM, NC	12V, GND	12V, GND, NO; COM, NC
Tensile Force Range	250kg*2±10kg		250kg*2±10kg	
Dimensions (W*H*D)	Lock body: 250*48.5*27 ±2mm Iron plate: 180*38*13 ±2mm			
Surface Technology	Sand blasting		Wiredrawing	
Number of Support Doors	Double Door			
Gross Weight	1.8kg			
Dimensions(mm)				
Mounting Brackets	CM-280DBL			

Model Series	CM-350			
Photo				
Model	CM-350	CM-350S	CM-350H	CM-350HS
Operating Voltage	12V/24V			
Operating Current	12V,480mA ± 10%; 24V,240mA ± 10%			
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	12V, GND	12V, GND, NO COM, NC	12V, GND	12V, GND, NO COM, NC
Surface Technology	Sand blasting		Wiredrawing	
Tensile Force Range	300kg±10kg		320kg±10kg	
Dimensions (W*H*D)	Lock body: 250*56*29 ±2mm Iron plate: 158*43*11 ±2mm			
Gross Weight	2.07kg			
Dimensions(mm)				
Mounting Brackets	CM-350BU / 350BL / 350BZ / 350BZL			

Model Series	CM-500			
Photo				
Model	CM-500S	CM-500	CM-500H	CM-500HS
Operating Voltage	12V/24V			
Operating Current	12V,480mA ± 10%; 24V,240mA ± 10%			
Temperature Rise	+15℃ (Ambient temperature of 29℃; 6 hours after DC 12V is energized. The highest temperature of the lock body is 41℃)			
Interface	12V, GND	12V, GND, NO COM, NC	12V, GND	12V, GND, NO COM, NC
Tensile Force Range	410kg ± 10kg		430kg±10kg	
Dimensions (W*H*D)	Lock body: 265*74.7*39(mm) Iron plate: 185*60*16(mm)			
Surface Technology	Sand blasting		Wiredrawing	
Gross Weight	4.33kg			
Dimensions(mm)				
Mounting Brackets	CM-500BL / 500BZ / 500BZL			

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



ZKTECO CO., LTD. www.zkteco.com E-mail: sales@zkteco.com