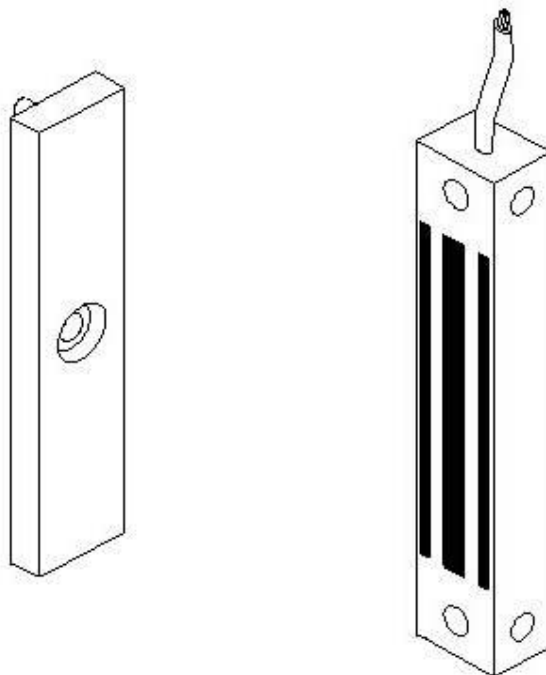




# EM45FS

## Weather Resistant Electromagnetic Lock

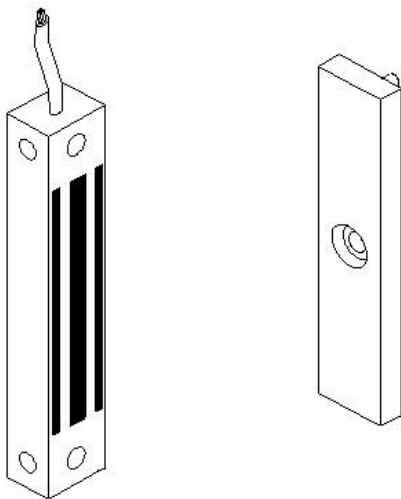





## Introduction

EM45FS series is a weather resistant magnetic lock; it is designed to suit external hinged, and sliding door applications. EM45FS series is a Fail-Safe lock with holding force up to 180Kg, and dual operating voltage of 12/24VDC. The lock model is provided with a dual fixing arrangement and come with a 3 year warranty.

## Specification

SPECIFICATION	EM45FS
Illustration	
Certifications	 BS465: The product has been tested under British Standard for a 4 hours fire testing.
Fail Safe	Power to lock
Lock Body Dimension	162L x 31W x 26H (mm)
Armature Plate Dimension	130L x 30W x 8.7H (mm)
Lock Operating Voltage	12/24VDC $\pm 10\%$
Lock Operating Current	320mA/12VDC; 160mA/24VDC
Lock Holding Force	Up to 180Kg
Output Signals	NONE
Operating Temp	-10°C ~60°C
Operating Humidity	0~95% (non-condensing)
Surface Finish	Stainless Steel finish, fully waterproof; electrogalvanization to prevent from rusting
Residual Magnetism	Less than 2Kg. No Spring Rebound Mechanism on the armature plate is required to overcome the residual magnetism
Weight	1Kg
Standard Packing	10pcs/carton





## Wiring and Voltage Setting

TERMINAL	DESCRIPTIONS
Wiring	12/24VDC Power Input, 2 terminals

Refer to the figure below for the 12VDC and 24VDC configuration of EM45FS:

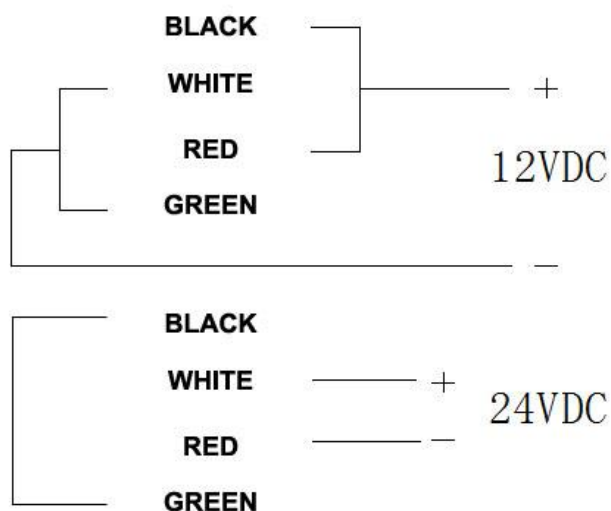
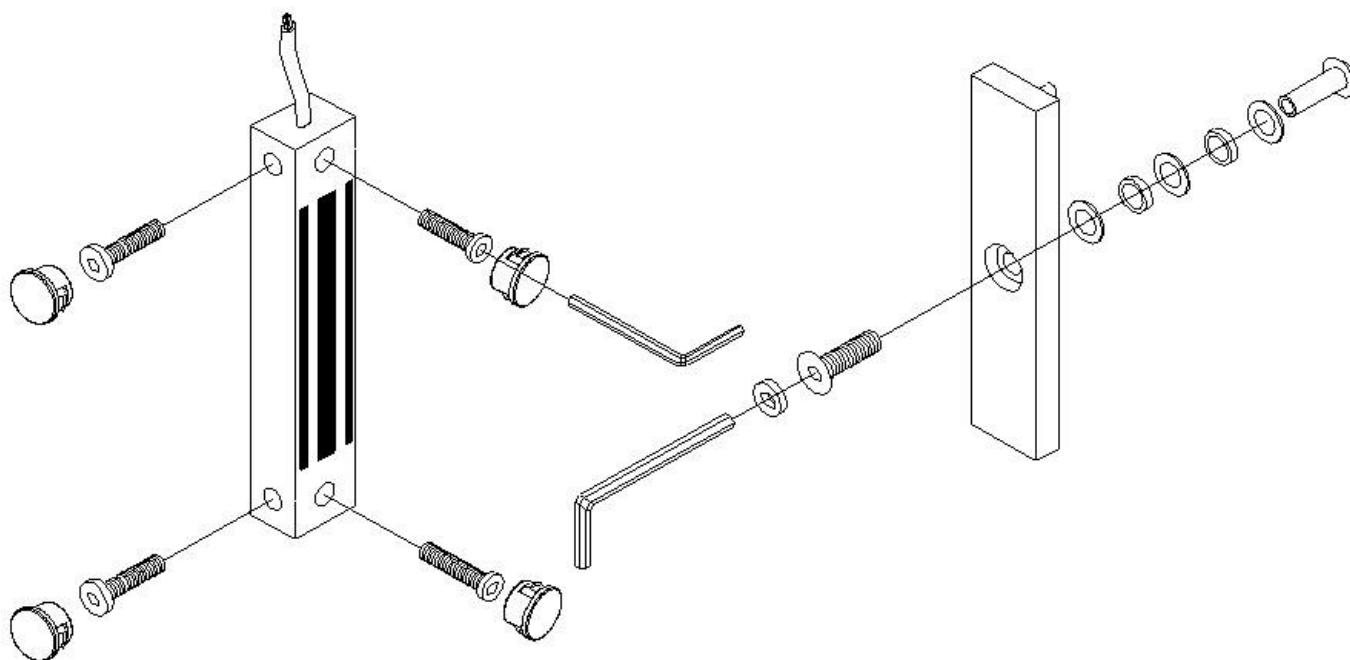


Illustration of wiring for EM45FS

## Installation of EM45FS Series





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## **Weather Resistant Series Models and Accessories**

<b>WEATHER RESISTANT SERIES</b>	<b>MODEL NUMBER</b>	<b>DESCRIPTION</b>
Models	EM45FS	Weather Resistant EM Lock w/o monitoring, Holding Force of 180Kg
	EM47FS	Weather Resistant EM Lock w/o monitoring, Holding Force of 410Kg
	EM5000G	Weather Resistant EM Lock with LSS, Holding Force of 630Kg

