EN-MLK600

EURONET MAGNETIC LOCK – 600Lbs / 272KG

Fail-Safe Electromagnetic Lock | DC 12V / 24V



HOLDING FORCE **600Lbs / 272KG**	INPUT VOLTAGE **DC 12V / 24V**
CURRENT DRAW **500 / 250mA**	POWER **6W**
WEIGHT **1.9KG**	INDICATOR **Red LED**

OVERVIEW

The EURONET EN-MLK600 is a high-performance electromagnetic lock with 600Lbs (272KG) of holding force for access control on wooden, metal and glass doors in homes, offices, retail and industrial sites. One unit runs on DC 12V or DC 24V, selected by connecting to the correct PCB terminal, drawing 500mA at 12V or 250mA at 24V. It is fail-safe, releasing as soon as power is removed, and anti-residual magnetism gives a clean, instant release. A red LED shows the lock is powered. The optional EN-MLB280LZ aluminium L/Z bracket kit fits narrow frames and 90° inward-opening doors.

KEY FEATURES

600Lbs Holding Force
272KG of electromagnetic holding force for busy commercial and residential access control doors

Dual Voltage
Runs on DC 12V or DC 24V: select at installation by connecting to the correct 12V or 24V PCB terminal

Fail-Safe Operation
Releases automatically when power is removed, for a safe exit during emergencies and power cuts

Anti-Residual Magnetism
Instant, clean door release with no sticky or delayed opening once power is removed from the lock coil

Red LED Indicator
Built-in red LED power indicator confirms the lock is energised and holding force is active, at a glance

LZ Bracket Accessory
EN-MLB280LZ L/Z bracket kit fits narrow frames and 90° inward-opening doors, sold separately

TECHNICAL NOTE

EN-MLK600: holding force 600Lbs / 272KG. DC 12V or DC 24V selectable; 500mA (±10%) @ 12V / 250mA (±10%) @ 24V; 6W. Lock body 250 × 48 × 27mm, armature 180 × 38 × 13mm, 1.9KG. Single door, 2-wire, red LED. Coil surface up to 45°C is normal. Optional EN-MLB280LZ bracket: L 250 × 47 × 29mm, Z1 / Z2 180 × 46 × 46mm. Indoor use recommended.

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EN-MLK600

PRODUCT TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATIONS
GENERAL	
Model	EN-MLK600
Product Type	Electromagnetic lock
Holding Force	600Lbs / 272KG
Configuration	Single door, 2-wire
Operation	Fail-safe · anti-residual magnetism
Indicator	Red LED (power)
Doors	Wooden, metal, glass, security-controlled
Certification	Not available
ELECTRICAL	
Input Voltage	DC 12V / DC 24V selectable
Voltage Selection	Connect to the 12V or 24V PCB terminal
Current @ 12V	500mA (±10%)
Current @ 24V	250mA (±10%)
Power Consumption	6W
Surge Protection	Not available
PHYSICAL	
Lock Body	250 × 48 × 27mm
Armature Plate	180 × 38 × 13mm
Housing	Not available
Weight	1.9KG

PARAMETER	SPECIFICATIONS
ENVIRONMENT & INSTALLATION	
Operating Temperature	Not available
Humidity	Not available
Coil Temperature	Up to 45°C surface is normal
Use	Indoor, unless protected from weather
Armature Screws	Do not overtighten (rubber gasket)
Installation	Qualified personnel
PACKAGING	
Carton	12 pcs · 405 × 275 × 140mm
ACCESSORY: LZ BRACKET	
Model	EN-MLB280LZ
Material	Anodized high-strength aluminium
Compatible Lock	EN-MLK600
L Bracket	250 × 47 × 29mm
Z1 / Z2 Brackets	180 × 46 × 46mm each
Kit Contents	L, Z1, Z2 brackets + screw set
Use	Narrow frames · 90° inward-opening doors
Supply	Sold separately

**Specifications are subject to change without prior notice.*

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