

NX-280AS

Single Door Electromagnetic Lock



280 KG hold. Compact form.
Built for every door type.

Compact single-door electromagnetic lock delivering **280 KG (600 lbs)** of holding force in a slim 250×48×27 mm profile — ideal for installations where space is limited without compromising security. The NX-280AS features dual LED status indicators (green = locked, red = unlocked), dry contact signal output for access control integration, and an anti-residual magnetism design to prevent sticking after power-off. Compatible with wooden, glass, metal, and fireproof doors at 90° opening angle.

KEY FEATURES

- ✓ **280 KG (600 LBS) Holding Force** — industrial-grade magnetic strength for maximum single-door security
- ✓ **Compact 250mm Slim Profile** — 25% shorter than standard EM locks — fits tight door frames with ease
- ✓ **Dual LED Status Indicator** — green = locked, red = unlocked — instant visual confirmation at a glance
- ✓ **Dry Contact Signal Output** — NO/NC/COM output for full integration with any access control system
- ✓ **Anti-Residual Magnetism Design** — prevents door sticking after power-off for safe fail-safe operation
- ✓ **24-Month Warranty** — backed by reliable after-sales support

APPLICATIONS

- Corporate Offices & Commercial Buildings
- Banks & Financial Institutions
- Hospitals & Healthcare Facilities
- Educational Institutions
- Hotels & Residential Complexes
- Industrial Sites & Warehouses

TECHNICAL SPECIFICATIONS

Model	NX-280AS
Max Holding Force	280 KG (600 LBS)
Input Voltage	DC 12V
Working Current	12V / 0.43A
LED Indicator	Green: Locked Red: Unlocked
Signal Output	Dry Contact (NO / NC / COM)
Door Type Applicable	Wooden, Glass, Metal, Fireproof
Door Opening Angle	90°
Lock Body Dimensions	250 × 48 × 27 mm (L×W×H)
Weight	1.9 Kg
Construction	Abrasion-proof, anti-residual magnetism
Operating Temperature	-10°C to 55°C
Warranty	24 Months
Package Contents	Lock body, armature plate, mounting hardware, manual

CERTIFICATIONS & COMPLIANCE

CE

FCC

RoHS