2280 Series Electromagnetic Lock

Options

**DSM**  DOOR STATUS SWITCH - Signals door closed or ajar. SPDT contacts.
**DSM2**  DOOR STATUS SWITCH - For the 2282 models.
**DYN**  DYNASTAT FORCE SENSOR - Indicates efficient magnetic bond. SPDT contacts.
**DYN2**  DYNASTAT FORCE SENSOR - For the 2282 models.
**LED**  BI-COLOR LED - For local signaling of lock status. Flying leads. (order with DYN)
**LED2**  BI-COLOR LED'S(2) - For the 2282 models. (order with DYN2)
**SF**  SPECIAL FINISH - Standard finish is US28 Satin Aluminum. Special anodized finishes, see price book.

Note: For adjustable time delayed relocking, specify Model 7080 in-line time delay module (sold separately).

Basic System Wiring

The figure below is an example of a simple circuit, showing a single door normally locked. DynaLock offers keypad control, exit bars, timers, and much more to suit your needs.

![Circuit Diagram](attachment:image.png)

CIRCUIT BOARD (Shown with all options)

12/24 VDC/VAC INPUT

VOLTAGE SELECTOR

DSM RELAY

DYNASTAT RELAY

BI-COLOR LED

(-) RED

(-) BLACK

(+) GREEN

LED NOTE: Factory set for 24VDC. Remove outer resistor for 12VDC operation.

Accessories

- **4000 Series** Installation Accessories
  - Spacer Plates: Lower the lock assembly
  - Filler Plates: Extend the door stop
  - Angle Brackets: Extend the header

- **5000 Series** Power Supplies
  - Solid state power supplies provide proper voltage, time delay and battery backup if required.

- **6000 Series** Exit Controls
  - Pushbuttons in a variety of switching configurations and exit sensor bars.

- **7000 Series** Keyswitches and Keypads
  - Keyswitches accept most mortise cylinders for controlled access.
  - Rugged digital entry keypads.

- **8000 Series** Consoles
  - Desk Top, Slope Front and Rack Mount fabricated to customer specifications.
2280 Series Electromagnetic Lock

Mounting

Specifications

**MECHANICAL**

Holding Force: 1200 Lbs. Each Coil

Lock Size:

- 2280: \(1\frac{1}{2}''D \times 2\frac{1}{16}''H \times 12\frac{3}{4}''L\)
- 2282: \(1\frac{1}{2}''D \times 2\frac{1}{16}''H \times 25\frac{1}{2}''L\)

Armature Size: \(\frac{3}{8}''D \times 1\frac{1}{4}''H \times 8\frac{5}{8}''L\)

Lock Weight: 2280 10Lbs. / 2282 20Lbs.

Finish: US28 Satin Aluminum Standard
Other Finishes Available

**ELECTRICAL**

Input Voltage: 12 or 24 VDC/VAC (Field Selectable)

Current Draw:
- 0.68A @ 12V Each Coil
- 0.35A @ 24V Each Coil

Contact Ratings:
- DSM: 0.25A @ 24VAC/DC
- DYN: 0.25A @ 24VAC/DC

DYNALOCK CORPORATION
705 EMMETT STREET / PO BOX 2728
BRISTOL, CT 06011-2728
PHONE: 877-DYNALOCK / FAX: 860-585-0338
E-MAIL: INFO@DYNALOCK.COM
WEBSITE: WWW.DYNALOCK.COM

Featuring DynaLife®
Lifetime Warranty