



MODEL 82 MAGNET	A	B	C	MODEL 82 STRIKE	A	B	C
	12	1.75	2.9		10	2.75	.5

ELECTROMAGNETIC LOCK – Model 82B

Features

- 1,800 pounds of pull-apart holding force
- Lifetime replacement warranty
- Power consumption of 350mA @ 12VDC & 200mA @ 24VDC – 4 Watts
- Automatic dual voltage, 12 VDC or 24 VDC, no field adjustment required
- Bondstat standard
- Instant release circuit, no residual magnetism
- Surface mounts using only a drill and allen wrench
- Fully sealed electronics, tamper proof & weather proof
- Mounted using steel machine screws into blind finishing nuts
- Architectural brushed stainless steel finish
- Polished brass, clear anodized, & polished stainless finish dress covers available
- Hardware accessories include brackets, housings, and dress covers as needed for every opening type
- Ten feet of jacketed stranded conductor
- Lock and strikes plated to provide corrosion resistance
- Fail Safe
- UL listed



Options

- Bondstat – Lock status “Form C” contacts to monitor status of the lock
- DPS Door Status – Integrated door sensing reed switch with built in resettable polyswitch
- Face Mount – Mounting holes on the face of the lock for mounting on inswing doors and gates
- Conduit fitting
- Offset Strike
- Split Strike

ASSA ABLOY

ELECTROMAGNETIC LOCK – Model 82 (cont'd)

Operating Temperature

-40 to 60C [-40 to 140F]

How to Order

<u>Part Number</u>	<u>Product Description</u>
M82B	Maglock Model 82, Bondstat
M82BD	Maglock Model 82, Bondstat, Door Position
M82FB	Maglock Model 82, Bondstat Face Mount
M82FBD	Maglock Model 82, Face Mount, Bondstat, Door Position
M82FGB	Maglock Model 82, Bondstat Face Mount Conduit Fitting
M82FGBD	Maglock Model 82, Face Mount, Conduit Bondstat, Door Position
M82GB	Maglock Model 82, Bondstat Conduit Fitting
M82GBD	Maglock Model 82, Conduit, Bondstat, Door Position
M82GB-OS	Maglock Model 82, Bondstat Conduit Fitting Offset Strike
M82GB-SS	Maglock Model 82, Bondstat Conduit Fitting Split Strike
M82B-OS	Maglock Model 82, Bondstat Offset Strike
M82B-SS	Maglock Model 82, Bondstat Split Strike

ARCHITECTURAL SPECIFICATION – Electromagnetic Lock Model 82

2.x MAGNETIC LOCKS

- A. All electromagnetic locks shall be manufactured by Securitron Magnalock Corp., Sparks, NV, an ISO 9001 certified manufacturer.
- B. Locks shall be capable of providing a pull-apart or tensile holding force of at least 1,800 pounds. A laboratory test certifying the minimum holding force shall be submitted by the manufacturer upon request.
- C. Electromagnetic locks shall have a lifetime replacement warranty.
- D. Locks shall be dual voltage with no field adjustment necessary to select voltage.
- E. Locks shall not consume more than four and one-tenth (4.10W) watts of power (350mA @ 12VDC) and (200mA @ 24VDC).
- F. Locks shall not exceed 63 cubic inches (12 inches x 3 inches x 1.75 inches) in size.
- G. Locks shall be fully sealed in resin to provide tamper and weather proofing.
- H. Mount locks using two .25 inch x 2.25 inch machine screws into blind finishing nuts with steel threads that extend through the entire body of the lock.
- I. Mount strike plates to provide a "floating" movement to assure automatic self-alignment with the lock.
- J. Finish is architectural brushed stainless steel, other finishes available by selecting optional dress covers.
- K. Hardware accessories shall include brackets, housings, and dress covers.
- L. Ten feet of jacketed stranded conductor shall be provided for electrical connection.
- M. Anti-tamper caps shall be provided for any exposed holes.
- N. The locks and strikes shall be plated to provide corrosion resistance.