Electromagnetic Locks
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Securitron Magnalock M32 – Electromagnetic Door Lock with Holding Force of 273 kg

TECHNICAL DETAILS

Operating temperature range:
-40°C - +60°C

Holding force:
273 kg

Dimensions (L x W x D):
magnet: 203 x 44.5 x 38 mm
strike: 165 x 41.5 x 12 mm

Power consumption:
300 mA/12 V DC, 150 mA/24 V DC

Operating voltage:
12 V DC - 24 V DC (+/-10%)

Monitoring outputs:
output closing contact
(door closed – contact closed)

Delivery includes:
magnet, screws, blind nuts,
metal strike, mounting template

Application
• Intended for door holding.
• Surface mounting (horizontal or vertical).
• Maintenance-free operation.
• Lifetime performance warranty.
• Suitable for high-traffic doors (more than 200 passings per day).
• Magnet can be controlled by means of a proximity card reader output, keypad, button etc.
• In connection with panic bars, the lock can be used e.g. in emergency exit doors as an emergency exit control solution.

Lock Functions
• When the magnet power is disconnected, the door is released and can be opened.
• SC version lock has a built-in monitoring (door open/closed) by means of a switching contact.

Versions

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M32</td>
<td>12 V – 24 V DC</td>
</tr>
<tr>
<td>M32F</td>
<td>12 V – 24 V DC face mounting</td>
</tr>
<tr>
<td>M32SC</td>
<td>12 V – 24 V DC with monitoring</td>
</tr>
<tr>
<td>M32SCF</td>
<td>12 V – 24 V DC face mounting with monitoring</td>
</tr>
</tbody>
</table>

Accessories

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWB-32 CL (BK)</td>
<td>Mounting bracket for mounting on aluminium or concrete without concealed cable</td>
<td>A=203 mm, B=38 mm, C=182 mm, D=3 holes</td>
</tr>
<tr>
<td>Z-32 CL (BK, SS)</td>
<td>Z-bracket for M32 with cover: silver anodized (black anodized, polished stainless steel)</td>
<td>A=220 mm, B=60 mm, C=55 mm</td>
</tr>
<tr>
<td>HEB-3 CL (BK)</td>
<td>Header extension bracket</td>
<td>A=203 mm, B=75 mm, C=75 mm</td>
</tr>
</tbody>
</table>

Securitron Magnalock M32 – Electromagnetic door lock with holding force of 273 kg
Securitron Magnalock M34R – Electromagnetic Door Lock with Holding Force of 273 kg

Application
- Intended for door holding.
- Recessed mounting (horizontal or vertical).
- Maintenance-free operation.
- Lifetime performance warranty.
- Suitable for high-traffic doors (more than 200 passings per day).
- Magnet can be controlled by means of a proximity card reader output, keypad, button etc.
- In connection with panic bars, the lock can be used e.g. in emergency exit doors as an emergency exit control solution.

Lock Functions
- When the magnet power is disconnected, the door is released and can be opened.
- SC version lock has a built-in monitoring (door open/ closed) by means of a switching contact.

Versions

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>M34R</td>
<td>12 – 24 V DC recessed mounting</td>
</tr>
<tr>
<td>M34SCR</td>
<td>12 – 24 V DC recessed mounting with monitoring</td>
</tr>
</tbody>
</table>

TECHNICAL DETAILS

Operating temperature range:
-40°C - +60°C

Holding force:
273 kg

Dimensions (L x W x D):
magnet: 241 x 38 x 28.5 mm
strike: 162 x 36.5 x 11 mm

Power consumption:
350 mA/12 V DC,
175 mA/24 V DC

Operating voltage:
12 V DC - 24 V DC (+/-10%)

Monitoring outputs:
output closing contact
(door closed – contact closed)

Delivery includes:
magnet, screws, blind nuts, metal strike, mounting template
**Securitron Magnalock M62**

**Electromagnetic Door Lock with Holding Force of 545 kg**

**Application**
- Intended for door holding.
- Surface mounting (horizontal or vertical).
- Maintenance-free operation.
- Lifetime performance warranty.
- Suitable for high-traffic doors (more than 200 passings per day).
- Magnet can be controlled by means of a proximity card reader output, keypad, button etc.
- In connection with panic bars, the lock can be used e.g. in emergency exit doors as an emergency exit control solution.

**Versions**

<table>
<thead>
<tr>
<th>Order code</th>
<th>Description</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>M62</td>
<td>12 – 24 V DC</td>
<td></td>
</tr>
<tr>
<td>M62F</td>
<td>12 – 24 V DC face mounting</td>
<td></td>
</tr>
<tr>
<td>M62-SS</td>
<td>12 – 24 V DC with split strike</td>
<td></td>
</tr>
<tr>
<td>M62SC</td>
<td>12 – 24 V DC with monitoring</td>
<td></td>
</tr>
<tr>
<td>M62SC-SS</td>
<td>12 – 24 V DC with monitoring and split strike</td>
<td></td>
</tr>
<tr>
<td>M62SCF</td>
<td>12 – 24 V DC face mounting with monitoring</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories**

<table>
<thead>
<tr>
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<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWB-62 CL (BK)</td>
<td>Mounting bracket for mounting on aluminium or concrete without concealed cable</td>
<td>A=203 mm, B=44,5 mm, C=182 mm, D=20 mm</td>
</tr>
<tr>
<td>Z-62 CL (BK, SS)</td>
<td>Z-bracket for M62 with cover: silver anodized (black anodized, polished stainless steel)</td>
<td>A=220 mm, B=75 mm, C=62 mm</td>
</tr>
<tr>
<td>HEB-3 CL (BK)</td>
<td>Header extension bracket</td>
<td>A=203 mm, B=75 mm, C=75 mm</td>
</tr>
</tbody>
</table>

**TECHNICAL DETAILS**

- **Operating temperature range:** -40°C – +60 °C
- **Holding force:** 545 kg
- **Dimensions (L x W x D):**
  - magnet: 203 x 76 x 44.5 mm
  - strike: 152 x 70 x 12 mm
- **Power consumption:**
  - 250 mA/12 V DC, 125 mA/24 V DC
- **Operating voltage:**
  - 12 V DC - 24 V DC (+/-10%)
- **Monitoring outputs:**
  - output closing contact (door closed – contact closed)

**Delivery includes:**
- magnet, screws, blind nuts, metal strike, mounting template

**Lock Functions**
- When the magnet power is disconnected, the door is released and can be opened.
- SC version lock has a built-in monitoring (door open/closed) by means of a switching contact.
Securitron Magnalock M82 – Electromagnetic Door Lock with Holding Force of 818 kg

**Application**
- Intended for door holding.
- Surface mounting (horizontal or vertical).
- Open/closed door monitoring (by means of a switching contact).
- Maintenance-free operation.
- Lifetime performance warranty.
- Suitable for high-traffic doors (more than 200 passings per day).

**TECHNICAL DETAILS**

**Operating temperature range:**
-40°C – +60°C

**Holding force:**
818 kg

**Dimensions (L x W x D):**
magnet: 305 x 76 x 44.5 mm
strike: 254 x 70 x 12 mm

**Power consumption:**
350 mA/12 V DC,
175 mA/24 V DC

**Operating voltage:**
12 V DC – 24 V DC (+/-10%)†

**Monitoring outputs:**
output closing contact (door closed – contact closed)

**Delivery includes:**
magnet, screws, blind nuts, metal strike, mounting template

**Versions**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>M82SC</td>
<td>12 – 24 V DC with monitoring</td>
<td></td>
</tr>
<tr>
<td>M82SCF</td>
<td>12 – 24 V DC face mounting, with monitoring</td>
<td></td>
</tr>
<tr>
<td>M82SCG</td>
<td>12 – 24 V DC with monitoring and conduit</td>
<td></td>
</tr>
<tr>
<td>M82SC-OS</td>
<td>12 – 24 V DC with monitoring and offset strike</td>
<td></td>
</tr>
<tr>
<td>M82SC-SS</td>
<td>12 – 24 V DC with monitoring and split strike</td>
<td></td>
</tr>
</tbody>
</table>

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<tr>
<th>Order code</th>
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<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWB-82 CL (BK)</td>
<td>Mounting bracket for mounting on aluminium or concrete without concealed cable</td>
<td>A=305 mm, B=44.5 mm, C=284 mm, D=20 mm</td>
</tr>
<tr>
<td>Z-82 CL (BK, SS)</td>
<td>Z-bracket for M82 with cover: silver anodized (black anodized, polished stainless steel)</td>
<td>A=325 mm, B=75 mm, C=62 mm</td>
</tr>
<tr>
<td>HEB 82-3 CL (BK)</td>
<td>Header extension bracket</td>
<td>A=305 mm, B=75 mm, C=75 mm</td>
</tr>
</tbody>
</table>

**Function**
- When the magnet power is disconnected, the door is released and can be opened.

- Magnet can be controlled by means of a proximity card reader output, keypad, button etc.
- In connection with panic bars, the lock can be used e.g. in emergency exit doors as an emergency exit control solution.
SAM/SAM2 – Shear Aligning
Electromagnetic Door Lock with Holding Force of 560 kg/273 kg

TECHNICAL DETAILS

Securitron SAM

Operating temperature range:
-40°C – +60°C

Holding force:
560 kg

Dimensions (L x W x D):
magnet: 241.3 x 38.1 x 28.6 mm
strike: 222.3 x 36.5 x 12.7 mm

Power consumption:
350 mA/12 V DC, 175 mA/24 V DC

Operating voltage:
12 V DC - 24 V DC (+/-10%)

Monitoring outputs:
output switching contact (door closed/open)

Delivery includes:
magnet, screws, blind nuts, metal strike, mounting template

Securitron SAM2

Operating temperature range:
-40°C - +60°C

Holding force:
273 kg

Dimensions (L x W x D):
magnet: 183 x 29 x 24 mm
strike: 183 x 29 x 29 mm

Power consumption:
62 mA/24 V DC

Operating voltage:
24 V DC (+/-10%)

Monitoring outputs:
output switching contact (door closed/open)

Delivery includes:
magnet, screws, blind nuts, metal strike, mounting template

Application
- Intended for holding of swing-through and sliding doors.
- Concealed mounting (horizontal or vertical).
- Maintenance-free operation.
- Lifetime performance warranty.
- Suitable for high-traffic doors (more than 200 passings per day).
- Magnet can be controlled by means of a proximity card reader output, keypad, button etc.
- In connection with panic bars, the lock can be used e.g. in emergency exit doors as an emergency exit control solution.

Lock Functions
- When the magnet power is disconnected, the door is released and can be opened.
- Magnet lock has a built-in monitoring (door open/closed) by means of a switching contact.

Accessories

<table>
<thead>
<tr>
<th>Order code</th>
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<tbody>
<tr>
<td>SAM</td>
<td>12 – 24 V DC</td>
</tr>
<tr>
<td>SAM SC</td>
<td>12 – 24 V DC with monitoring</td>
</tr>
<tr>
<td>SAM 2-24</td>
<td>24 V DC</td>
</tr>
</tbody>
</table>
Accessories for Electromagnetic Locks

Z – bracket
Finish: silver (CL), black (BK), stainless steel (SS)
Delivery includes: screws, rivet heads, mounting template

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z-32 CL (BK, SS)</td>
<td>220 mm</td>
<td>60 mm</td>
<td>55 mm</td>
</tr>
<tr>
<td>Z-62 CL (BK, SS)</td>
<td>220 mm</td>
<td>75 mm</td>
<td>62 mm</td>
</tr>
<tr>
<td>Z-82 CL (BK, SS)</td>
<td>325 mm</td>
<td>75 mm</td>
<td>62 mm</td>
</tr>
</tbody>
</table>

Bracket for mounting on wood or concrete
Finish: silver (CL), black (BK)
Delivery includes: screws, rivet heads, mounting template

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>CWB-32 CL (BK)</td>
<td>203 mm</td>
<td>38 mm</td>
<td>182 mm</td>
<td>(3 holes)</td>
</tr>
<tr>
<td>CWB-62 CL (BK)</td>
<td>203 mm</td>
<td>44.5 mm</td>
<td>182 mm</td>
<td>20 mm</td>
</tr>
<tr>
<td>CWB-82 CL (BK)</td>
<td>305 mm</td>
<td>44.5 mm</td>
<td>284 mm</td>
<td>20 mm</td>
</tr>
</tbody>
</table>

Header extension bracket
Finish: silver (CL), black (BK)
Delivery includes: screws, rivet heads, mounting template

<table>
<thead>
<tr>
<th>Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEB-3 CL (BK)</td>
<td>203 mm</td>
<td>75 mm</td>
<td>75 mm</td>
</tr>
<tr>
<td>HEB82-3 CL (BK)</td>
<td>305 mm</td>
<td>75 mm</td>
<td>75 mm</td>
</tr>
</tbody>
</table>