Features

- Very low current draw
- Dual Voltage inputs
- Terminal block connections
- High holding force
- Low residual magnetism
- Powder coated finishes (optional)
- Extension and misalignment rods (optional)
- Surface mount back box (optional)
- Time saving drill fixture (optional, for mounting catch plate)

Description

The RSG Security DH series fire door holders are constructed of the finest materials and workmanship available. The door holder is made of durable die-cast metal and offered in a high luster powdercoat finish.

Other features include standard dual voltage ac or dc inputs of 12 & 24V, 24 & 120V, and 24 & 220V models. While reducing stocking requirements, model 24120 draws a mere .020 ma. @ 24VDC, lowering overall job costs. In large installations the cost savings can be substantial.

Other features are single or double coil floor mounting, surface mounting and direct wall mounting. No brackets are required. The DH series door holder offers a new installation technique using an adhesive template assuring alignment without secondary adjustments.

Accessories include extension and misalignment rods in (various lengths) enabling parallelism between door and wall at distances greater than 12 inches and misalignment over 4 inches.

Aiding in installation is the aircraft quality DH drill that reduces installation time and provides a near perfect alignment of catch-plate and armature-again, lowering overall installation costs.

Basic units offer superior holding force and low residual magnetism. Models 1224 and 24120 can operate at higher listed voltages producing holding forces in excess of 100lbs. (45.3kg.) for special applications.

Technical Specifications

<table>
<thead>
<tr>
<th>Current Draw</th>
<th>.020 ma @ 24VDC</th>
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</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>24 or 120V</td>
</tr>
<tr>
<td>Terminals</td>
<td>C&amp;L or C&amp;H</td>
</tr>
</tbody>
</table>
RSG Security® DH Series
Electromagnetic Fire Door Handles

Accessories: Hardware

- DHSBPC Swivel base chrome
- DHSBB Swivel base brass
- DHCP3 Catch plate chrome
- DHCBB Catch plate brass
- DHBBC Surface back box chrome
- DHBBB Surface back box brass
- DHW Extension wrenches
- DHDF Drilling fixture

Accessories: Extensions

- DHE1PC 1 inch extension chrome
- DHE1B 1 inch extension brass
- DHE1.5PC 1.5 inch extension chrome
- DHE1.5B 1.5 inch extension br
- DHE2PC 2 inch extension chrome
- DHE2B 2 inch extension brass
- DHE3PC 3 inch extension chrome
- DHE3B 3 inch extension brass
- DHEAPC 4 inch adjustable extension chrome
- DHEAB 4 inch adjustable extension brass

<table>
<thead>
<tr>
<th>Model</th>
<th>Voltage</th>
<th>DC/mA</th>
<th>AC/mA</th>
<th>Terminals</th>
<th>LB.</th>
<th>KG</th>
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</thead>
<tbody>
<tr>
<td>1224</td>
<td>12V</td>
<td>40</td>
<td>38</td>
<td>C &amp; L</td>
<td>30</td>
<td>13.6</td>
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<tr>
<td>24120</td>
<td>24V</td>
<td>20</td>
<td>19</td>
<td>C &amp; L</td>
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<tr>
<td>24220</td>
<td>24V</td>
<td>-</td>
<td>19</td>
<td>C &amp; L</td>
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<td>9</td>
</tr>
<tr>
<td></td>
<td>220V</td>
<td>-</td>
<td>15</td>
<td>C &amp; H</td>
<td>22</td>
<td>9.8</td>
</tr>
</tbody>
</table>

NOTE: Holding forces listed in above table correspond with shaded values, non-shaded values are slightly less.

Model Voltage DC/mA AC/mA Terminals LB. KG
1224 24V 0.085 0.081 C & L 75 34.0
24120 120V - 20 C & L 110 49.8

HIGH HOLDING FORCE/SPECIAL APPLICATIONS: To obtain performance values in table above, apply high listed voltage to low voltage terminals (C&L).

NOTE: This configuration can only be applied to models 1224 & 24120.

Example: DH (24120) (S) (P) (C) (1)

Model/Voltage
1224, 24120, 24200

Mount Style
Surface, Flush, Ground, Recessed

Powdercoated

Finish
Chrome, Brass, DBR (Dark Bronze)

Coils
1, 2 For ground mount models

Extension Rod Applications

Dual Voltage
(rear view shown)
RSG Security® DH Series
Electromagnetic Fire Door Handles

Magnetic Door Holder

Installation Tools:
DHDF (drill fixture)

Door Holder Swivel base

ACCESSORIES

Extensions:
Extension rods

Surface Mounting:
DHHBB (back box)

Extension Wrenches