Ledex® Box Frame Size B12P

Part Number: B12P – XXX – B – 3

Select from Performance Chart Below

Specifications

Operation Push
Dielectric Strength 500 VRMS for one second
Continuous Duty Cycle 100% at 20°C ambient temperature
Intermittent Duty Cycle See Below
Holding Force 7.7 oz. (2.1N) at 20°C
Spring Force .575 oz (.160N) Energized
Coil Insulation Class “A”: 105°C max
Coil Termination 10” PVC lead wires
Plunger Weight 0.05 oz
Total Weight 0.30 oz

Performance

Maximum Duty Cycle 100% 50% 25% 10%

Maximum ON Time (sec)
when pulsed continuously ∞ 84 11 2
for single pulse ∞ 120 34 8

Watts (@ 20°C) 1.3 2.6 5.2 13
Ampere Turns (@ 20°C) 178 251 355 561

Coil Data

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Resistance (@20°C)</th>
<th>Ref. #</th>
<th>VDC (Nom)</th>
<th>VDC (Nom)</th>
<th>VDC (Nom)</th>
</tr>
</thead>
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<tr>
<td>B12P-258 -B-3</td>
<td>6.92</td>
<td>417</td>
<td>3</td>
<td>4.24</td>
<td>6.0</td>
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<td>B12P-255 -B-3</td>
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<td>824</td>
<td>6</td>
<td>8.5</td>
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<td>B12P-256 -B-3</td>
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<td>48</td>
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</tbody>
</table>

NOTES:
1. All data is typical.
2. Force testing is done with the solenoid in the horizontal position.
3. All data reflects operation with no heatsink.

How to Order:
Select the part number from the table provided. (For example, to order a 25% duty unit rated at 48 VDC, specify B12P-253-B-3)

Please see www.johnsonelectric.com for a list of our products available through distribution.

All specification subject to change without notice.

Force values for reference only.

Ledex® Solenoids  www.johnsonelectric.com  1.937.454.2345  Fax: 1.937-898-8624