H-Series
CIRCUIT BREAKER

The H-Series hydraulic-magnetic circuit breaker provides maximum and dependable circuit protection, while providing a cost effective, compact solution. By meeting the IEC spacing requirements, the H-Series is the ideal choice for international market applications. It also features a “trip-free” mechanism, which will open the contacts when a fault condition occurs, even if the handle is held in the ON position.

1-3 poles; 1-35 amps; 65VDC, 80VDC, 250VAC; UL recognized, CSA accepted, TUV & CCC certified.

Product Highlights:
- Choice of actuator styles
- UL1077, CCC, CSA, C22.2 and EN60934 approvals
- Compact size
- Temperature stable operation -40°C to +80°C
- Choice of terminals, including PCB
- Single or multi-pole configurations

Typical Applications:
- Telecom / Datacom
- Marine

Resources:
Configure a Complete Part
Download CAD & Sales Drawing >
Electrical Tables
Table A: Lists UL Recognized, CSA Accepted and TUV Certified configurations and performance capabilities as a Component Supplementary Protector.

### H-SERIES: COMPONENT SUPPLEMENTARY PROTECTORS

<table>
<thead>
<tr>
<th>Circuit Configuration</th>
<th>Voltage</th>
<th>Current Rating</th>
<th>Minimum Poles</th>
<th>Short Circuit Capacity (Amps)</th>
<th>Application Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Max Rating</td>
<td>Frequency</td>
<td>Phase</td>
<td>Full Load Amps</td>
<td>Without Backup Fuse</td>
</tr>
<tr>
<td><strong>Series</strong></td>
<td>65</td>
<td>DC</td>
<td>---</td>
<td>1 - 25</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>65</td>
<td>DC</td>
<td>---</td>
<td>26 - 35</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>80</td>
<td>DC</td>
<td>---</td>
<td>1 - 25</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>80</td>
<td>1 DC</td>
<td>---</td>
<td>26 - 35</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>50 / 60</td>
<td>1</td>
<td>1 - 35</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>50 / 60</td>
<td>1</td>
<td>1 - 35</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>250</td>
<td>50 / 60</td>
<td>3</td>
<td>1 - 35</td>
<td>3</td>
</tr>
</tbody>
</table>

Notes:
1. Polarity Sensitive

#### Electrical
- **Maximum Voltage**: 250VAC 50/60Hz 80 VDC
- **Current Ratings**:
  - Standard current coils: 1.00, 2.50, 5.00, 7.50, 10.0, 15.0, 20.0, 25.0, 30.0, 32.0, 35.0
  - SPDT: 10.1A-250VAC,
- **Auxiliary Switch Rating**:
  - 1.0A-65VDC/0.5A-80VDC,
  - 0.1A-125VAC (with gold contacts)

#### Mechanical
- **Endurance**: 10,000 ON-OFF operations @ 6 per minute; with rated current & voltage

#### Physical
- **Number of Poles**: 1-3
- **Weight**: Approx. 48 grams/pole (1.7 oz)
- **Internal Circuit Config.**: Series and Switch Only (with or without auxiliary switch)

#### Agency Approvals
- UL Recognized under the Component Recognition Program as Protectors, Supplementary (Guide QVNU2 File E75596)
- UL standard 1077
- CCC certified, Certificate No. 2010010307447291
- CSA Accepted Supplementary Protector
- CSA standard C22.2 No. 235
- TUV certified to EN60934, Certificate No. R50204086

**Typical Protector Resistance**
DCR and Impedance values are based on measurements by the voltmeter ammeter method. Rated current is applied for one hour at a voltage not less than 20 volts. Ambient temperature: 25 °C; Tolerance: Below 10 amps +/- 25%; Above 10 amps +/-35%

#### Impedance Chart

<table>
<thead>
<tr>
<th>Current Rating (Amps)</th>
<th>Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>DC-Ohms</td>
</tr>
<tr>
<td>1</td>
<td>0.85</td>
</tr>
<tr>
<td>2.5</td>
<td>0.13</td>
</tr>
<tr>
<td>5</td>
<td>0.035</td>
</tr>
<tr>
<td>7.5</td>
<td>0.018</td>
</tr>
<tr>
<td>10</td>
<td>0.010</td>
</tr>
<tr>
<td>15</td>
<td>0.006</td>
</tr>
<tr>
<td>20</td>
<td>0.005</td>
</tr>
<tr>
<td>25</td>
<td>0.003</td>
</tr>
<tr>
<td>30</td>
<td>0.0025</td>
</tr>
<tr>
<td>35</td>
<td>0.0021</td>
</tr>
</tbody>
</table>

*Manufacturer reserves the right to change product specification without prior notice.*
### H-Series Circuit Breaker - Handle – Ordering Scheme

<table>
<thead>
<tr>
<th>1 SERIES</th>
<th>2 ACTUATOR</th>
<th>3 POLE</th>
<th>4 CIRCUIT</th>
<th>5 AUXILLARY / ALARM SWITCH</th>
<th>6 FREQUENCY &amp; DELAY</th>
<th>7 CURRENT RATING (AMPERES)</th>
<th>8 TERMINAL</th>
<th>9 ACTUATOR COLOR &amp; LEGEND</th>
<th>10 MOUNTING / BARRIERS</th>
<th>11 MAX. APPLICATION RATING</th>
<th>12 AGENCY APPROVAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>A Handle, one per pole</td>
<td>One</td>
<td>Switch Only (no coil)</td>
<td>0.110 Q.C. term</td>
<td>03 DC 50/60Hz, Switch Only</td>
<td>410 1.00</td>
<td>6 TERMINAL</td>
<td>Printed Circuitboard Terminals</td>
<td>1 MOUNTING STYLE</td>
<td>Threaded Insert</td>
<td>A 65VDC</td>
</tr>
<tr>
<td></td>
<td>B Handle, one per unit</td>
<td>Two</td>
<td>Series Trip (current)</td>
<td>0.110 Q.C. term</td>
<td>04 DC 50/60Hz, Instantaneous</td>
<td>415 1.50</td>
<td>2</td>
<td>Screw ON 0.250 Tab (Q.C.)</td>
<td>L 90 Facing Left</td>
<td>B</td>
<td>D 250VAC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Three</td>
<td>Relay Trip (voltage)</td>
<td>0.110 PC term</td>
<td>05 DC 50/60Hz, Ultra Short</td>
<td>420 2.00</td>
<td>3</td>
<td>Screw 8-32 with upturned lugs</td>
<td>L 90 Facing Right</td>
<td>G</td>
<td>M 80VDC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 55DC</td>
<td>06 DC 50/60Hz, Short</td>
<td>425 2.50</td>
<td>4</td>
<td>Screw M4 (bus type)</td>
<td>S Straight</td>
<td>H</td>
<td>80VDC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>12 DC, Medium</td>
<td>430 3.00</td>
<td>5</td>
<td>Screw 6-32 (bus type)</td>
<td>T Straight, Long</td>
<td>ISO M3 x 5mm</td>
<td>80VDC / 250VAC</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>13 DC, Medium</td>
<td>435 3.50</td>
<td>6</td>
<td>Screw 6-32 x 0.195 inches</td>
<td>ISO M3 x 5mm, Long</td>
<td>Black</td>
<td>Without approvals</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>14 DC, Medium</td>
<td>440 4.00</td>
<td>7</td>
<td>Screw 6-32 x 0.195 inches</td>
<td>ISO M3 x 5mm, Medium</td>
<td>White</td>
<td>UL Recognized, CSA Accepted</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>15 DC, Medium</td>
<td>445 4.50</td>
<td>8</td>
<td>Screw 6-32 x 0.195 inches</td>
<td>ISO M3 x 5mm, Short</td>
<td>Orange</td>
<td>UL Recognized, CSA Accepted, TUV Certified</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>16 DC, Long</td>
<td>450 5.00</td>
<td>9</td>
<td>Separate Pole Type</td>
<td>Black</td>
<td>White</td>
<td>UL Recognized, CSA Accepted, TUV Certified, CCC Certified</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>20 DC 50/60 Hz Instantaneous</td>
<td>455 5.50</td>
<td>10</td>
<td>Auxiliary switch available on Series Trip and Switch Only</td>
<td>White</td>
<td>White</td>
<td>Notes:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>21 DC 50/60 Hz, Ultra Short</td>
<td>460 6.00</td>
<td>11</td>
<td>Only circuits to 32A. On multipole units, only one auxiliary switch is normally supplied</td>
<td>White</td>
<td>White</td>
<td>1. Actuator Option A: handle tie pin, spacer &amp; retainers provided unassembled on multipole units.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>22 DC 50/60 Hz, Short</td>
<td>465 6.50</td>
<td>12</td>
<td>Standard multipole units have all poles identical, except when specifying auxiliary switch</td>
<td>White</td>
<td>White</td>
<td>Actuator Option B: handle location as viewed from front of panel: 2 pole: left pole; 3 pole: center pole</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>24 DC 50/60 Hz, Medium</td>
<td>470 7.00</td>
<td>13</td>
<td>Auxiliary switch available on Series Trip and Switch Only</td>
<td>White</td>
<td>White</td>
<td>2. Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 &amp; 20. Only Available with Agency code C.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>26 DC 50/60 Hz, Long</td>
<td>475 7.50</td>
<td>14</td>
<td>Multipole units.</td>
<td>White</td>
<td>White</td>
<td>3. For other current ratings, consult factory.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>28 DC 50/60 Hz, Ultra Short</td>
<td>480 8.00</td>
<td>15</td>
<td>Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 &amp; 20. Only Available with Agency code C.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>30 DC 50/60 Hz, Short</td>
<td>485 8.50</td>
<td>16</td>
<td>Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 &amp; 20. Only Available with Agency code C.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Series Trip (voltage)</td>
<td>110DC 65DC</td>
<td>32 DC 50/60 Hz, Medium</td>
<td>490 9.00</td>
<td>17</td>
<td>Voltage code 4 available to 25A max.</td>
<td>Yellow</td>
<td>Yellow</td>
<td>4. Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 &amp; 20. Only Available with Agency code C.</td>
</tr>
</tbody>
</table>

**Notes:**

1. Actuator Option A: handle tie pin, spacer & retainers provided unassembled on multipole units.
2. Standard multipole units have all poles identical, except when specifying auxiliary switch.
3. Auxiliary switch available on Series Trip and Switch Only circuits to 32A. On multipole units, only one auxiliary switch is normally supplied, mounted in extreme right pole.
4. Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 & 20. Only Available with Agency code C.
5. For other current ratings, consult factory.
6. 26-35A Polarity sensitive, only available as 1 pole unit.
7. Voltage code 4 available to 25A max.
Dimensional Specifications: in. [mm]

1-POLE (HA1)

- 0.669 [17.00]
- 0.535DIA [13.60]
- 0.196 [4.99]
- 0.650 [16.50] MAX.

2-POLE (HA2)

- 1.260 [32.00]
- 0.630 [16.00] TYP
- 1.280 [32.50] MAX.

3-POLE (HA3)

- 1.929 [49.00] MAX.
- 0.630 [16.00] TYP

2-POLE (HB2)

- 1.260 [32.00]
- 0.630 [16.00] TYP
- 1.280 [32.50] MAX.

3-POLE (HB3)

- 1.929 [49.00] MAX.
- 0.630 [16.00] TYP

Notes:
1. All dimensions are in inches [millimeters].

SCREW TYPE TERMINALS IN SERIES TRIP CIRCUIT CONFIGURATION SHOWN. FOR OTHER CONFIGURATIONS, SEE CIRCUIT AND TERMINAL DIAGRAMS.

PANEL CUTOUT DETAIL
TOLERANCES ±.005
[±.12]
UNLESS OTHERWISE SPECIFIED
PC Terminal Diagrams: in. [mm]

**Notes:**
1. All dimensions are in inches [millimeters].
Notes:
1. All dimensions are in inches [millimeters].
1 SERIES (VISI ROCKER)

H

2 ACTUATOR ¹
J Vertical - Indicator OFF
K Vertical - Indicator ON
L Horizontal - Indicator OFF
M Horizontal - Indicator ON

3 POLE ²
1 One
2 Two
3 Three

4 CIRCUIT
A Switch Only (no coil)
B Series Trip (current)
C 4 Series Trip (voltage)
D Relay Trip (voltage)

5 AUXILIARY / ALARM SWITCH
0 without Aux Switch
3 0.110 Q.C. term with gold contacts
3 0.110 PC term
2 0.110 Solder Lug

6 FREQUENCY & DELAY
03 DC 50/60Hz, Switch Only
10 DC, Instantaneous
11 DC, Ultra Short
12 DC, Short
14 DC, Medium
16 DC, Long
20 50/60 Hz Instantaneous
21 50/60 Ultra Short
22 50/60 Short
24 50/60 Medium
26 50/60 Long

7 CURRENT RATING (AMPERES) ⁵
CODE AMPERES
410 1.00
412 1.25
415 1.50
417 1.75
420 2.00
422 2.25
425 2.50
427 2.75
430 3.00
435 3.50
440 4.00

8 TERMINAL
1 Push ON 0.250 Tab (Q.C.)
2 Screw B-32 with upturned lugs
3 Screw B-32 (bus type)
A Screw M4 with upturned lugs
B Screw M4 (bus type)

9 ACTUATOR COLOR & LEGEND
Actuator Color
I/O ON-OFF
Dual
White
A B 2
Red
F G 3
Green
H J 4
Blue
K L 5
Yellow
M N 6
Gray
P Q 7
Orange
R S 8

10 MOUNTING / BARRIERS ⁶
MOUNTING STYLE
 Threaded Insert
 MOUNTING TERMINALS
 Printed Circuitboard Terminals
 Printed Circuitboard Terminals

11 MAX. APPLICATION RATING
A 65VDC
D 250VAC
M 7 80VDC
4 9 80VDC / 250VAC

12 AGENCY APPROVAL
A Without approvals
C UL Recognized, CSA Accepted
E UL Recognized, CSA Accepted, TUV Certified
5 UL Recognized, CSA Accepted, TUV Certified, CCC Certified

Notes:
1 Half guard construction have OFF protection for actuator
2 Standard multipole units have all poles identical, except when specifying auxiliary switch
3 Auxiliary switch available on Series Trip and Switch Only circuits to 32A. On multipole units, only one auxiliary switch is normally supplied, mounted in extreme right pole.
4 Separate Pole Type Voltage Coils not rated for continuous duty. Available only with delay code 10 & 20. Only Available with Agency code C.
5 For other current ratings, consult factory.
6 On Visi-Rocker, Visi portion of rocker cannot be the same color as the bezel. Remainder of rocker same color as bezel.
7 26-35A-Polarity sensitive, only available as one pole unit.
8 Voltage code 4 available to 25A max.
H-Series Circuit Breaker - Flat Rocker – Ordering Scheme

**1 SERIES**
- **H**

**2 ACTUATOR 1**
- 3 Single Color Vertical
- 4 Single Color Horizontal

**3 POLE 2**
- 1 One
- 2 Two
- 3 Three

**4 CIRCUIT**
- A Switch Only (no coil)
- B Series Trip (current)

**5 AUXILIARY / ALARM SWITCH**
- 0 without Aux Switch
- 3 0.110 Q.C. term with gold contacts
- 3 0.110 Q.C. term
- 3 0.110 PC term

**6 FREQUENCY & DELAY**
- 03 DC 50/60Hz, Switch Only
- 10 DC, Instantaneous
- 11 DC, Ultra Short
- 12 DC, Short
- 14 DC, Medium
- 16 DC, Long
- 20 50/60 Hz Instantaneous
- 21 50/60 Ultra Short
- 22 50/60 Hz Short
- 24 50/60 Hz Medium
- 26 50/60 Hz Long

**7 CURRENT RATING (AMPERES) 5**

<table>
<thead>
<tr>
<th>CODE</th>
<th>AMPERES</th>
<th>TRIP VOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>410</td>
<td>1.00</td>
<td>A06 6DC</td>
</tr>
<tr>
<td>512</td>
<td>1.25</td>
<td>A06 6DC</td>
</tr>
<tr>
<td>515</td>
<td>1.50</td>
<td>B18 16DC</td>
</tr>
<tr>
<td>517</td>
<td>1.75</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>420</td>
<td>2.00</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>522</td>
<td>2.25</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>425</td>
<td>2.50</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>527</td>
<td>2.75</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>430</td>
<td>3.00</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>435</td>
<td>3.50</td>
<td>J18 16AC</td>
</tr>
<tr>
<td>440</td>
<td>4.00</td>
<td>J18 16AC</td>
</tr>
</tbody>
</table>

**VOLTAGE RATING**

<table>
<thead>
<tr>
<th>CODE</th>
<th>RATINGS</th>
<th>TRIP VOLS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A06</td>
<td>6DC</td>
<td>65AC 55AC</td>
</tr>
<tr>
<td>A12</td>
<td>10DC</td>
<td>65AC 55AC</td>
</tr>
<tr>
<td>A18</td>
<td>16DC</td>
<td>65AC 55AC</td>
</tr>
<tr>
<td>A24</td>
<td>20DC</td>
<td>65AC 55AC</td>
</tr>
<tr>
<td>A32</td>
<td>25DC</td>
<td>65AC 55AC</td>
</tr>
<tr>
<td>A48</td>
<td>40DC</td>
<td>65AC 55AC</td>
</tr>
</tbody>
</table>

Notes:
1. Push-To-Reset actuator shave OFF portion of rocker shrouded
2. Standard multipole units have all poles identical, except when specifying auxiliary switch
3. Auxiliary switch available on Series Trip and Switch Only circuits to 32A. On multipole units, only one auxiliary switch is normally supplied, mounted in extreme right pole
4. Separate Pole Type Voltage Coils not rated for continuous duty. Available only with agency code C.
5. For other current ratings, consult factory.
6. On Visi-Rocker, Visi portion of rocker cannot be the same color as the bezel. Remainder of rocker same color as bezel.
7. 26-35A Polarity sensitive, only available as 1 pole unit.
8. Voltage code 4 available to 25A max.

Email: sales@carlingtech.com  Application Support: team2@carlingtech.com
Phone: (860) 793–9281  Fax: (860) 793–9231  www.carlingtech.com
Dimensional Specifications: in. [mm]

1-POLE (HJ1)

SCREW TYPE TERMINALS IN SERIES TRIP CIRCUIT CONFIGURATION SHOWN. FOR OTHER CONFIGURATIONS, SEE CIRCUIT AND TERMINAL DIAGRAMS.

2-POLE (HJ2)

3-POLE (HJ3)

MULTI-POLE IDENTIFICATION SCHEME AS VIEWED FROM TERMINAL END OF BREAKER.

Notes:
1. All dimensions are in inches [millimeters].
Notes:
1. All dimensions are in inches [millimeters].
2. Tolerance ±0.005 [0.12] unless otherwise specified.

Dimensions Specifications: in. [mm]

PUSH-TO-RESET ACTUATOR

1-POLE
(H31)

2-POLE
(H72)

3-POLE
(H73)

MULTI-POLE IDENTIFICATION SCHEME
AS VIEWED FROM TERMINAL END OF BREAKER.
PC Terminal Diagrams: in. [mm]

NOTES:
1. All dimensions are in inches [millimeters].
2. Tolerance ±0.020 [0.51] unless otherwise specified.
PC Terminal Diagrams: in. [mm]

Notes:
1. All dimensions are in inches (millimeters).
Circuit & Terminal Diagrams: in. [mm]

## HANDLE POSITION VS. AUX SWITCH MODE

<table>
<thead>
<tr>
<th>CIRCUIT BREAKER MODE</th>
<th>HANDLE POSITION</th>
<th>AUX. SWITCH MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF</td>
<td><img src="image" alt="Diagram" /></td>
<td>NC NO C</td>
</tr>
<tr>
<td>ON</td>
<td><img src="image" alt="Diagram" /></td>
<td>NC NO C</td>
</tr>
<tr>
<td>ELECTRICAL TRIP</td>
<td><img src="image" alt="Diagram" /></td>
<td>NC NO C</td>
</tr>
</tbody>
</table>

## TERMINAL DIMENSIONAL DETAIL & RATING

- **TAB (Q.C.)**
  - Ø0.067 [1.71 mm]
  - 0.250 [6.35 mm]
  - 0.258 [6.55 mm]

- **UPTURN LUG**
  - #6-32 x 32 AMP
  - M4 x 32 AMP

- **BUS**
  - #6-32 x 32 AMP
  - M4 x 32 AMP

- **P.C. TERMINAL**
  - 90 FACING LEFT ≤ 32 AMP
  - M4 x 32 AMP

- **P.C. TERMINAL**
  - 90 FACING RIGHT ≤ 32 AMP

## TABLE A: TIGHTENING TORQUE SPECIFICATIONS

<table>
<thead>
<tr>
<th>THREAD SIZE</th>
<th>TORQUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>#6-32 &amp; M3 MOUNTING HARDWARE</td>
<td>7.9 IN-LBS [0.8-1.0 NM]</td>
</tr>
<tr>
<td>#8-32 &amp; M4 THREAD TERMINAL SCREW</td>
<td>12.15 IN-LBS [1.4-1.7 NM]</td>
</tr>
</tbody>
</table>

## TABLE B: BARRIER FOR UL-RECOGNIZED MULTI-POLE BREAKERS

- **LOAD**
  - 1.197 [30.40 mm]
  - 1.012 [25.70 mm]

- **LINE**
  - 1.697 [43.00 mm]

- **SEE TABLE B**
  - 1.854 [47.10 mm]
  - 1.508 [38.30 mm]
  - 1.732 [44.00 mm]

- **REF**
  - 0.120 [3.05 mm]

- **LOAD**
  - 1.413 [35.90 mm]

- **LINE**
  - 1.413 [35.90 mm]

- **0.031 [0.80 mm]**

*AVAILABLE ON SERIES TRIP AND SWITCH ONLY CIRCUITS.
WHEN CALLED FOR ON MULTI-POLE UNITS, ONLY ONE AUX. SWITCH IS NORMALLY SUPPLIED, AS SHOWN IN MULTI-POLE IDENTIFICATION SCHEME.

1. ALL DIMENSIONS ARE IN INCHES [mm]
2. TOLERANCE ±.020 [0.51 mm] UNLESS OTHERWISE SPECIFIED.
Circuit & Terminal Diagrams: in. [mm]

1. ALL DIMENSIONS ARE IN INCHES [mm]
2. TOLERANCE ±0.020 [0.51]
   UNLESS OTHERWISE SPECIFIED.

AUXILIARY SWITCH TERMINAL DETAIL

1. ALL DIMENSIONS ARE IN INCHES [mm]
2. TOLERANCE ±0.020 [0.51]
   UNLESS OTHERWISE SPECIFIED.
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