Modular Ferrule Fuse Blocks for Class J Fuses

Description
JM Series for use with Class J fuses JHL & JDL

Mounting
35mm DIN rail or panel mount

Specifications
Materials:
Base – Thermoplastic
Terminals – Tin-plated copper brass
Covers – Thermoplastic
Screws and pressure plates – Zinc-plated steel

SCCR: 200kA

Flammability rating:
Blocks – UL 94V0, self-extinguishing
Covers – UL 94HB, self-extinguishing

Operating and storage temp range:
Blocks – -40° to 120°C [-40° to 248°F]
Covers – indicating -20° to 90°C [-4° to 194°F]
non-indicating -40° to 120°C [-40° to 248°F]

Wire:
Cu – 75°/90°C [167°/194°F]
Al – 75°C [167°F]
Ring or Fork terminal to fit a #10-32 screw

Agency Approvals

Fuse Blocks
• UL® Listed E14853 - IZL T
• CSA® Certified 47235-6225-01
• CE
• RoHS Compliant
• Conflict mineral free
• REACH Compliant

Covers
• Covers are included in the overall UL Listing/Recognition and CSA Certification
• IP20 finger-safe
• RoHS compliant
• REACH Compliant

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number’s web page.

Modular Ferrule Fuse Blocks for Class J Fuses

<table>
<thead>
<tr>
<th>Type</th>
<th>Part Number</th>
<th>Pc/pkg</th>
<th>Price</th>
<th>Volts</th>
<th>Amps</th>
<th>Poles</th>
<th>Wire Range</th>
<th>Torque</th>
<th>Wt.</th>
<th>Covers (sold separately)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box lug</td>
<td>JM60030-1CR</td>
<td>1</td>
<td>$19.00</td>
<td>600V</td>
<td>30</td>
<td>1</td>
<td>14-2 AWG (Cu) 8-2 AWG (Al)</td>
<td>0.15</td>
<td>0.08</td>
<td>CVR-J-60030</td>
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<tr>
<td></td>
<td>JM60030-2CR</td>
<td>1</td>
<td>$37.00</td>
<td>AC/DC</td>
<td>2</td>
<td>2</td>
<td>3-2 AWG, 6-4 AWG, 14-10 AWG</td>
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<td>0.08</td>
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<td>JM60030-3CR</td>
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<td>$54.00</td>
<td>DC</td>
<td>3</td>
<td>3</td>
<td>8AWG</td>
<td>0.25</td>
<td>0.12</td>
<td></td>
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<tr>
<td>Press. plate</td>
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<td>$18.50</td>
<td>600V</td>
<td>1</td>
<td>1</td>
<td>18-10 AWG (Cu)</td>
<td>0.15</td>
<td>0.08</td>
<td>CVR-J-60030</td>
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<tr>
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<td>JM60030-2PR</td>
<td>1</td>
<td>$36.00</td>
<td>AC/DC</td>
<td>2</td>
<td>2</td>
<td>18-10 AWG (Cu)</td>
<td>0.25</td>
<td>0.12</td>
<td>CVRI-J-60030</td>
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<td></td>
<td>JM60030-3PR</td>
<td>1</td>
<td>$55.00</td>
<td>DC</td>
<td>3</td>
<td>3</td>
<td>18-10 AWG (Cu)</td>
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<td>0.18</td>
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<td>$22.50</td>
<td>600V</td>
<td>60</td>
<td>1</td>
<td>14-2 AWG (Cu) 8-2 AWG (Al)</td>
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<td>0.10</td>
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<td>JM60060-2CR</td>
<td>1</td>
<td>$43.00</td>
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<td>3</td>
<td>8AWG</td>
<td>0.55</td>
<td>0.26</td>
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</tbody>
</table>

¹ Open fuse indication requires 90V minimum and closed circuit to operate.

For the latest prices, please check AutomationDirect.com.
1-800-633-0405
Modular Ferrule Fuse Blocks for Class J Fuses

Dimensions

Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.
Modular Fuse Blocks for Class J Fuses

**Description**
For use with Edison JHL, JDL, Class J fuses

**Specifications**

**Materials:**
- Base – thermoplastic
- Box lug terminals – tin-plated aluminum

**SCCR:** 200kA

**Flammability rating:**
- Blocks – UL 94V0, self-extinguishing
- Covers – UL 94HB, self-extinguishing

**Operating and storage temp range:**
- Blocks – -40° to 120°C [-40° to 248°F]
- Covers – indicating -20° to 90°C [-4° to 194°F]
  - non-indicating -40° to 120°C [-40° to 248°F]

**Wire:**
- Cu/Al – 75°/90°C [167°/194°F] (100-200 A)
- Cu/Al – 75°C [167°F] only (400-600 A)*

*Note: Higher temperature rated wire can be used with appropriate derating.

* 400A Class J double box lug rated for 75/90°C Cu/Al.

**Agency Approvals**
- Blocks - UL - Listed cULus E14853 – IZLT & IZLT7
- CSA - Certified 47235 – 6225-01
- Covers - UL - Listed UL ES8836 – JDVS
- CE, RoHS, Reach compliant

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number’s web page.

**JM Series Modular Fuse Blocks**

<table>
<thead>
<tr>
<th>Part Number (1 pc/pkg)</th>
<th>Volts</th>
<th>Amps</th>
<th>Poles</th>
<th>Wire Range</th>
<th>Torque</th>
<th>Wt.</th>
<th>W/O Indication</th>
<th>W/ Indication</th>
<th>Pcs/Pkg</th>
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<td>JM60100-1CR-1</td>
<td>600</td>
<td>100</td>
<td>1</td>
<td>3-1/0 AWG, (2) Cu 6-4 AWG 6-4 AWG; (2) Cu 8 AWG Cu 14-10 AWG; Al 12-10 AWG</td>
<td>3-1 AWG 6-4 AWG 8 AWG Cu 14-10 AWG</td>
<td>55 [6.2] 50 [5.6] 45 [5.1] 40 [4.5] 35 [4.0]</td>
<td>0.32 [0.14]</td>
<td>CVR-J-60100-M-1</td>
<td>CVR-J-60100-M-1 1</td>
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<tr>
<td>JM60100-1CR-2*</td>
<td>$56.00</td>
<td>200</td>
<td>2</td>
<td>1-3/0 AWG, (2) Cu 6-4 AWG 6-4 AWG; (2) Cu 8 AWG Cu 14-10 AWG; Al 12-10 AWG</td>
<td>1-3/0 AWG 6-4 AWG 8 AWG Cu 14-10 AWG</td>
<td>375 [42] 275 [31]</td>
<td>1.64 [0.074]</td>
<td>CVR-J-60100-M-2</td>
<td>CVR-J-60100-M-2 2</td>
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<td>JM60200-1CR-1</td>
<td>$119.00</td>
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<td>6-2 AWG; (2) Cu 6-2 AWG</td>
<td>6-2 AWG</td>
<td>275 [31]</td>
<td>2.46 [1.11]</td>
<td>CVR-J-60200-M-3</td>
<td>CVR-J-60200-M-3 3</td>
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<td>JM60400-1CR-1</td>
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<td>600MCM</td>
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<td>(2) 1AWG - 350MCM</td>
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<td>3.12 [1.79]</td>
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<tr>
<td>JM60600-1CR-3*</td>
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<td></td>
<td>(2) 6-2 AWG</td>
<td>(2) 6-2 AWG</td>
<td>275 [31]</td>
<td>7.74 [3.51]</td>
<td>CVR-J-60600-M-3</td>
<td>CVR-J-60600-M-3 3</td>
</tr>
</tbody>
</table>

* Modular double box lug fuse block

**Double Box Lug Configurations**
- Allows for ease of installation with smaller, more flexible wire
- Capable of achieving maximum current rating with parallel copper or aluminum wires
- Standard on all 600A blocks
- Optional on 400A blocks
- Compatible with IP20 finger-safe covers (for 400A double box lug configuration, optional cover provides IP20 finger-safe protection for dual 1AWG - 350MCM wires or one single 6AWG - 350MCM)

**Agency Approvals**
- Blocks - UL - Listed cULus E14853 – IZLT & IZLT7
- CSA - Certified 47235 – 6225-01
- Covers - UL - Listed UL ES8836 – JDVS
- CE, RoHS, Reach compliant

To obtain the most current agency approval information, see the Agency Approval Checklist section on the specific part number’s web page.

**Notes:**
- Higher temperature rated wire can be used with appropriate derating.
- 400A Class J double box lug rated for 75/90°C Cu/Al.

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1-800-633-0405
Fuse Blocks for Class J Fuses

Dimensions in [mm]

CVR-J-60100-M-1 (COVER NON-INDICATING)
CVR-J-60100-M-1 (COVER WITH INDICATION)

JM60100-1CR-1

USE Ø 1/4" [4.0] HASP PADLOCK

JM60200-1CR-1

USE Ø 1/4" [4.0] HASP PADLOCK

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Fuse Blocks for Class J Fuses

Dimensions in [mm]

**JM60400 Series**

- JM60400-1MW22-x
- JM60400-1CR-1
- JM60400-1CR-1 (Shown with Cover)

**JM60600 Series**

- JM60600-1CR-1
- JM60600-1CR-1 (Shown with Cover)

**JM60400-1MW22-x**

- JM60400-1MW22-1
- JM60400-1MW22-1 (Shown with Cover)

Please see our website www.AutomationDirect.com for complete engineering drawings. Dimensions are approximate. Not for construction purposes.