GE's CR151K Series resilient molded nylon blocks resist breakage, and occupy minimum space on busy control panels. They are automotive-approved to take the abuse of misguided screwdrivers. Ratings by wire size translate into amperes-per-circuit, according to the temperature limit of wire insulation and the internal panel ambient temperature, per the typical performance chart on page 11-4.

Fully shielded construction protects all live parts. Nylon has excellent anti-tracking qualities, as well as toughness and impact resistance.

The CR151B and CR2960SY terminal boards are heavy-duty, molded terminal boards available for special use in wiring of control panels, and in primary or power circuits. CR151B are available with clear covers for terminal protection.

Reference Publications
See Publication Index, Section 16
Terminal Blocks  
DIN-Rail Mounted Terminal Blocks  
CR151K  
Modular Resilient Terminal Boards  
300 and 600 Volts  
275 Amp Maximum and 30°C Ambient  
Automotive Approved

Description  
Resilient molded nylon blocks resist breakage, and occupy minimum space on busy control panels. They are automotive-approved to take the abuse of misguided screwdrivers.  
Ratings by wire size translate into amperes-per-circuit, according to the temperature limit of wire insulation and the internal panel ambient temperature. Refer to typical performance chart on page 11-4.  
Fully shielded construction protects all live parts. Nylon has excellent anti-tracking qualities, as well as toughness and impact resistance.

Features  
—Compact size—four circuits per inch at 300 or 600 Volts, #22-10 wire, without stacking.  
—Collar-type terminals with spring-action overlapping top plates:  
  • Keep screws in position during shipping—backed out, ready for tightening once wire is installed.  
  • Keep connections tight by maintaining pressure on conductors during expansions and contractions.  
  • Made of stainless steel #410.  
—Large opening makes wiring easy.  
—Insulating walls on all sides of entrance to collar, guide the wire into the lug; strands do not go astray.  
—Blocks are installed and removed without moving adjacent blocks.

Product Number Selection Instructions  
1. Product Number represents one device. List price is per device. Devices are sold only in standard carton quantities. Order quantity of devices needed in increments of standard carton quantities.  
2. Example: Order 200 quantity of CR151KFC @ $4.80 each, GO-10G5. Total List Price, $960.00, GO-10G5.
## Terminal Blocks
### DIN-Rail Mounted Terminal Blocks
#### CR151K

### Feed Through Blocks - “Box or Collar” Type Terminals

<table>
<thead>
<tr>
<th>UL Recognized Points</th>
<th>Current (A)</th>
<th>Description</th>
<th>Wire Size (AWG)</th>
<th>Accessories Ref. No.</th>
<th>Product Number</th>
<th>Standard List Price</th>
</tr>
</thead>
</table>
| 30                   | 50          | Compact, 1 inch 4 A8 #22-10 1, 2, 9, 10, 14, 21 CR151KFC04E 100 $6.00
| 40                   | 50          | Compact, 0.94 inch 3 38 #22-10 1, 2, 3, 14, 20, 21 CR151KFC43E 100 $4.80
| 40                   | 75          | Compact, 1.17 inch 3 28 #22-8 1, 2, 3, 5, 12, 14 CR151KFC 100 $4.80
| 40                   | 70          | Compact, 5/8 inch 2 38 #22-8 1, 2, 3, 4, 11, 14 CR151KFO2 100 $3.60
| 90                   | 130         | Medium duty, 1 3/8 inch 3 19 #18-2 1, 2, 3, 6, 14, 21 CR151KFC10C 24 $10.65
| 175                  | 270         | Large cable, 1 3/8 inch 3 11 #14-20 1, 2, 3, 14 CR151KFC10B 8 $24.00

Notes: Maximum Amperes in 30°C ambient at terminal block—see chart, page 12-4, for other settings.

### Circuit Protection Blocks - “Box or Collar” Type Terminals

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Function</th>
<th>Description</th>
<th>Points Welded Wire Size (AWG)</th>
<th>Accessories Ref. No.</th>
<th>Product Number</th>
<th>Standard List Price</th>
</tr>
</thead>
</table>
| 30          | Disconnect No | Isolating Disconnect | 1 #22-8 1, 2, 3, 7, 14, 21 CR151KGC01 20 $5.85
| 30          | Disconnect Yes | Isolating Disconnect with holder for 1/4" dia. by 1" to 1 7/16" long fuse | 1 #22-8 1, 2, 3, 7, 14, 21 CR151KHC01AN 20 $8.40
| 30          | Fuse Block N/A | For 13/32 x 1 1/2-inch long fuse | 1 #22-8 1, 2, 3, 7, 8, 14, 21 CR151KCC01AM 50 $5.86

### Accessories

<table>
<thead>
<tr>
<th>Accessories Ref. No.</th>
<th>Accessory Type</th>
<th>No. of Points</th>
<th>Length (in/mm)</th>
<th>Product Number</th>
<th>Standard Carton Quantity</th>
<th>List Price</th>
</tr>
</thead>
</table>
| 1                    | Aluminum Mtg. Rail | N/A | 72-in. | CR151KX001 20 | $19.50
| 2                    | Stand-Off Channel | N/A | 72-in. | CR151KX002 20 | $22.20
| 3                    | Marking Tape | N/A | 12 1/2-in. | CR151KX003 50 | $0.38
| 4                    | Jumper 2 offset | N/A | CR151KX004 100 | $0.45
| 5                    | Jumper 2 | N/A | CR151KX005 100 | $0.45
| 6                    | Jumper 2 | N/A | CR151KX006 100 | $1.13
| 7                    | Jumper 2 | N/A | CR151KX007 100 | $0.82
| 8                    | Fuse Puller (1 per holder) | N/A | CR151KX008 50 | $1.50
| 9                    | Jumper 3 | N/A | CR151KX009 100 | $1.05
| 10                   | Marking Tape | N/A | 6-in. | CR151KX010 50 | $0.38
| 11                   | Marking Tab, one block | N/A | CR151KX011 100 | $0.03
| 12                   | Marking Tab, one block | N/A | CR151KX012 100 | $0.03
| 13                   | Molded Marking Tape | N/A | 12-in. | CR151KX013 25 | $1.65
| 14                   | Aluminum Mtg. Rail | N/A | 36-in. | CR151KX014 10 | $9.75
| 15                   | Jumper 11 | N/A | CR151KX016 100 | $1.30
| 16                   | Jumper 11 | N/A | CR151KX017 1 | $10.15
| 17                   | Jumper 2 | N/A | CR151KX020 100 | $0.60
| 20                   | Jumper 2 | N/A | CR151KX020 100 | $0.60
| 21                   | DIN rail—35 mm | N/A | 1 m | CR151KX020 1 | $8.00

Notes: See Accessories column in other tables to determine where items are used.

1. Also base-mountable
2. Use only with Mounting Rail, CR151KX001 or CR151KX014. Lubrication required on rail when mounting stand-off channel.
3. For KFC45F
4. For KFC45F—enough for 30 blocks
5. GO-10C2
## Terminal Blocks

### DIN-Rail Mounted Terminal Blocks

**CR151K**

**CR151KFC45F 12-Point Terminal Block—Sub-miniature Spacing, 5 Circuits Per Inch**

### Features

—Five circuits per inch give total of 12 circuits in 2.4 inch long terminal block; equal to European 5 mm spacing.
—Voltage/current ratings: 300 Volt rating: 20 A; 600 Volt rating: 5A.
—Larger screws can take torque of standard screwdriver.
—Larger, easier-to-wire openings take one #12 or two #14 wires.
—Multi-circuit jumper available.
—Unique staggered design helps keep loose strands from shorting adjacent poles.
—One-piece design—no end barriers and clips needed.
—Extra wide marking area for pressure sensitive tape permits printing or marking prior to assembly; sliding marker design permits easy access to all screws.
—Universal mounting—fits all standard GE rails and mini DIN-rails.

![CR151KFC45F AWG #22-12, 60 points/foot](image)

### Feed Through Blocks - “Box or Collar” Type Terminals

<table>
<thead>
<tr>
<th>Current (A)</th>
<th>Description</th>
<th>Points per Block</th>
<th>Rail Mounted points/ft</th>
<th>Wire Size (AWG)</th>
<th>Accessories Ref. No.</th>
<th>Product Number</th>
<th>Standard Carton Quantity</th>
<th>List Price GO-10G5</th>
</tr>
</thead>
<tbody>
<tr>
<td>20A @ 300V</td>
<td>12-Point Terminal Block</td>
<td>12</td>
<td>60</td>
<td>#12-22</td>
<td>1, 2, 14, 16, 17, 21</td>
<td>CR151KFC45F</td>
<td>20</td>
<td>$14.85</td>
</tr>
<tr>
<td>50A @ 600V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Accessories Ref. No.</th>
<th>Accessory Type</th>
<th>No. of Points</th>
<th>Length (in/mm)</th>
<th>Product Number</th>
<th>Standard Carton Quantity</th>
<th>List Price GO-10G5</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aluminum Mtg. Rail</td>
<td>N/A</td>
<td>72-in</td>
<td>CR151KX001</td>
<td>20</td>
<td>$19.50</td>
</tr>
<tr>
<td>2</td>
<td>Stand-Off Channel</td>
<td>N/A</td>
<td>72-in</td>
<td>CR151KX002</td>
<td>20</td>
<td>$22.20</td>
</tr>
<tr>
<td>14</td>
<td>Aluminum Mtg. Rail</td>
<td>N/A</td>
<td>36-in</td>
<td>CR151KX014</td>
<td>10</td>
<td>$9.75</td>
</tr>
<tr>
<td>16</td>
<td>Jumper</td>
<td>13</td>
<td>N/A</td>
<td>CR151KX016</td>
<td>100</td>
<td>$1.30</td>
</tr>
<tr>
<td>17</td>
<td>Marking Strip</td>
<td>N/A</td>
<td>N/A</td>
<td>CR151KX017</td>
<td>1</td>
<td>$10.15</td>
</tr>
<tr>
<td>21</td>
<td>DIN rail—35 mm</td>
<td>N/A</td>
<td>1 m</td>
<td>CLIK512</td>
<td>1</td>
<td>$8.00</td>
</tr>
</tbody>
</table>

1Use only with Mounting Rail, CR151KX001 or CR151KX014. Lubrication required on rail when mounting stand-off channel.

2GO-10C2

### Mounting Method

![U.S. Mounting](image) ![European Mounting](image)

Illustrations above describe the best methods to mount the CR151KFC45F on GE or mini DIN rails

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Control Catalog  www.geindustrial.com

Rev. 6/16  Prices and data subject to change without notice
Ampere Rating Of Terminal Blocks In Ambient Temperatures 30-80°C

Ampere rating is based on maximum allowable working temperature. This is a sum of ambient temperature and temperature rise caused by the current.

Allowable currents for each wire size are given in the National Electrical Code, with correction factors for ambient temperatures over 30°C. The ratings provided by the graph are based on 90°C total maximum temperature—standard for panel wire insulation and very safe for nylon.

The ratings are based on temperatures reached on the center pole of three adjacent poles, each carrying current and wired with largest size copper conductors indicated for the block.
Terminal Blocks
DIN-Rail Mounted Terminal Blocks
CR151K
Outlines and Dimensions in. (mm) For Estimating Only

CR151KFC04E
CR151KFC
CR151KFC43F
CR151KFC02
CR151KFC01D
CR151KFC10C

Product Number Selection Instructions: See page 11-2
Terminal Blocks
DIN-Rail Mounted Terminal Blocks
CR151K
Outlines and Dimensions in. (mm) For Estimating Only

CR151KFC10B

CR151KFC45F

Accessories

CR151KCC01AM  Fuse Holder

CR151KHC01AN and CR151KGC01  Disconnect Blocks

CR151KX001  Mounting Rail

CR151KX002  Stand-Off Channel
Terminal Blocks
Panel or Mounting Track Terminal Blocks
CR151B
One Piece Terminal Boards for Control Circuit
600 Volts
30 Amps

Application
These molded terminal boards are for use in wiring of control panels.
A write-on marking strip markable with ink or pencil is included.
Terminal boards may be mounted end-to-end without spacing.

Features
—Electrical rating—30 amperes, 600 volts.
—Rugged material—phenolic.
—Number of points per board—4, 6, 12, or 13.
—Mounting—may be mounted end-to-end without spacing
—Terminal identification—15/32-inch wide marking strip;
markable with ink or pencil.
—Wiring—terminals accept wire sizes through AWG # 10

Product Number Selection Instructions
1. Order one piece terminal boards by complete Product Number and by package quantity. Example: Eight (8) six-point, one-
piece boards are required, rated 30 amperes, 600 volts with screw-type terminals both sides: order ten CR151B6 at $7.20
each, GO-10G5.

Ratings for all Binding Screw and Round Washer Head Screw Terminals
—Suitable for #18 - #10 AWG stranded or solid copper wire,
single conductor only.
—Torque 20 in-lb.

Ratings for all Wire Clamp Terminals
—Suitable for #18 - #10 AWG stranded or solid copper wire,
single or parallel conductors of same size and type (stranded/stranded or solid/solid only).
—Torque 20 in-lb.

Parallel two conductor size combinations
<table>
<thead>
<tr>
<th>Wire Size (AWG)</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>#10 with #12</td>
<td>20 in-lb (stranded/stranded or solid/solid wire only)</td>
</tr>
<tr>
<td>#12 with #14</td>
<td>20 in-lb (stranded/stranded wire only)</td>
</tr>
<tr>
<td>#14 with #16</td>
<td>20 in-lb (stranded/stranded or solid/solid wire only)</td>
</tr>
<tr>
<td>#14 with #18</td>
<td>20 in-lb (stranded/stranded wire only)</td>
</tr>
<tr>
<td>#16 with #18</td>
<td>20 in-lb (stranded/stranded or solid/solid wire only)</td>
</tr>
</tbody>
</table>

Parallel three conductor size combinations
<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Torque</th>
</tr>
</thead>
<tbody>
<tr>
<td>#14 with #14 with #14</td>
<td>20 in-lb (stranded/stranded/stranded wire only)</td>
</tr>
<tr>
<td>#16 with #16 with #16</td>
<td>20 in-lb (stranded/stranded/stranded wire only)</td>
</tr>
<tr>
<td>#18 with #18 with #18</td>
<td>20 in-lb (stranded/stranded/stranded wire only)</td>
</tr>
</tbody>
</table>

Agency Certifications
—UL Recognized, File E40800, Vol. 3, Sec. 2
(Category XCFR2 Terminal Blocks - Component)
—CSA Certified, File LR-15492-157
(Class 3211 07 Industrial Control Equipment - Miscellaneous Apparatus)
## Terminal Blocks

### Panel or Mounting Track Terminal Boards

**CR151B**

### Panel or Mounting Track Terminal Boards

<table>
<thead>
<tr>
<th>Termination Type</th>
<th>Terminal Cover</th>
<th>Points Per Board</th>
<th>Product Number</th>
<th>List Price GO-1065</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw-Type Both Sides</td>
<td>None</td>
<td>4</td>
<td>CR151B4</td>
<td>$4.80</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>None</td>
<td>6</td>
<td>CR151B6</td>
<td>$7.20</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>None</td>
<td>12</td>
<td>CR151B12</td>
<td>$12.90</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>None</td>
<td>13</td>
<td>CR151B13A</td>
<td>$14.00</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>Clear Cover</td>
<td>4</td>
<td>CR151B41AF</td>
<td>$5.60</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>Clear Cover</td>
<td>6</td>
<td>CR151B61AF</td>
<td>$8.20</td>
</tr>
<tr>
<td>Screw-Type Both Sides</td>
<td>Clear Cover</td>
<td>12</td>
<td>CR151B121AF</td>
<td>$14.10</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>None</td>
<td>4</td>
<td>CR151B45</td>
<td>$6.30</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>None</td>
<td>6</td>
<td>CR151B65</td>
<td>$8.10</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>None</td>
<td>12</td>
<td>CR151B25</td>
<td>$15.00</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>Clear Cover</td>
<td>4</td>
<td>CR151B45AF</td>
<td>$7.10</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>Clear Cover</td>
<td>6</td>
<td>CR151B65AF</td>
<td>$9.10</td>
</tr>
<tr>
<td>Screw-Type One Side, Wire Clamp Other Side</td>
<td>Clear Cover</td>
<td>12</td>
<td>CR151B25AF</td>
<td>$16.20</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>None</td>
<td>4</td>
<td>CR151B46</td>
<td>$7.20</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>None</td>
<td>6</td>
<td>CR151B66</td>
<td>$9.00</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>None</td>
<td>12</td>
<td>CR151B26</td>
<td>$16.80</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>Clear Cover</td>
<td>4</td>
<td>CR151B46AF</td>
<td>$8.00</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>Clear Cover</td>
<td>6</td>
<td>CR151B66AF</td>
<td>$10.00</td>
</tr>
<tr>
<td>Screw With Wire Clamp Both Sides</td>
<td>Clear Cover</td>
<td>12</td>
<td>CR151B26AF</td>
<td>$18.00</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>None</td>
<td>4</td>
<td>CR151B40</td>
<td>$5.40</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>None</td>
<td>6</td>
<td>CR151B60</td>
<td>$7.80</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>None</td>
<td>12</td>
<td>CR151B20</td>
<td>$14.10</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>Clear Cover</td>
<td>4</td>
<td>CR151B40AF</td>
<td>$6.20</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>Clear Cover</td>
<td>6</td>
<td>CR151B60AF</td>
<td>$8.80</td>
</tr>
<tr>
<td>Washer Head Screw Both Sides</td>
<td>Clear Cover</td>
<td>12</td>
<td>CR151B20AF</td>
<td>$15.30</td>
</tr>
</tbody>
</table>

1. Where number of points desired is not listed use combination of boards.
2. Product Number and price represent one piece. Sold only in packages of 10. Order in multiples of 10 pieces. Minimum order quantity is 10.

### Accessories

<table>
<thead>
<tr>
<th>Accessory Type</th>
<th>Description</th>
<th>Product Number</th>
<th>List Price GO-1065</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jumper</td>
<td>For customer connection of adjacent screw-type terminal board</td>
<td>CR151X301</td>
<td>$0.55</td>
</tr>
</tbody>
</table>

3. Product Number and price represent one piece. Sold only in packages of 100. Order in multiples of 100 pieces. Minimum order quantity is 100.

### Outlines and Dimensions in (mm) For Estimating Only

#### Panel or Mounting Track Terminal Boards

<table>
<thead>
<tr>
<th>Points Per Board</th>
<th>Dimension A</th>
<th>Distance Between Mounting Hole Centers</th>
<th>Package (10 units)</th>
<th>Shipping Weight, Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2.38 (60.4)</td>
<td>1.32 (33.5)</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>3.50 (88.9)</td>
<td>2.25 (57.2)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>6.88 (174.8)</td>
<td>5.62 (142.8)</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>7.50 (190.5)</td>
<td>6.29 (157.2)</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

Note C: Terminal boards mount with two #8 screws. Mounting holes are located under Marking Strip.

---

CR151X301 Diagram

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Note: Prices and data subject to change without notice.

www.geindustrial.com Control Catalog 11-9
Terminal Blocks
Panel or Mounting Track Terminal Boards

CR2960
One Piece Terminal Board for Power Circuits
600 Volts
300 Amps Maximum
Heavy-Duty Use

Application
These heavy-duty terminal boards are for use in primary or power circuits up to the ampere rating listed.
Blocks have binding screws for both incoming and outgoing lines.

Features
—Where to use—power circuits.
—Ratings—50-, 100-, 150-, 300-ampere; 600 volts.
—Type of construction and material—one-piece, phenolic.
—Terminal configurations—binding screw terminals (stud terminals) on 300-ampere forms.
—Type of mounting—panel.

Panel or Mounting Track Terminal Boards—Screw

<table>
<thead>
<tr>
<th>Points per Board(^1)</th>
<th>Current (A)</th>
<th>Wire Size (AWG)</th>
<th>Screw/Stud Size</th>
<th>Distance Between Barriers (inches)</th>
<th>Product Number</th>
<th>List Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>300</td>
<td>through AWG kcmil 350</td>
<td>1/2”-13</td>
<td>CR2960SY139D2A</td>
<td>$40.80</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>50</td>
<td>through AWG # 6</td>
<td># 30-32</td>
<td>CR2960SY139C1B</td>
<td>$20.10</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>100</td>
<td>through AWG # 1</td>
<td>1/4”-20</td>
<td>CR2960SY139C3C</td>
<td>$25.50</td>
</tr>
<tr>
<td></td>
<td>1</td>
<td>150</td>
<td>through AWG # 3/0</td>
<td>5/32”-18</td>
<td>CR2960SY139C3D</td>
<td>$31.50</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>300</td>
<td>through AWG kcmil 350</td>
<td>1/2”-13</td>
<td>CR2960SY139D3A</td>
<td>$58.20</td>
</tr>
</tbody>
</table>

\(^1\)Where number of circuits desired is not listed, use combination of boards.

Outlines and Dimensions in. (mm) For Estimating Only

CR2960 50-Ampere Power Circuit Terminal Boards

CR2960 100-, 150-Ampere Power Circuit Terminal Boards

CR2960 300-Ampere Power Circuit Terminal Boards