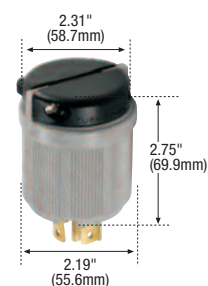
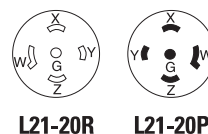


## Hart-Lock™ Industrial Specification Grade Locking Devices

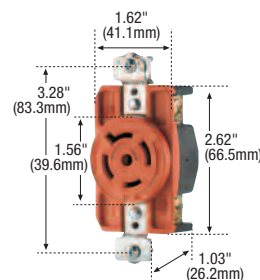
4-Pole, 5-Wire Grounding  
20A, 3ØY 120/208V/AC  
NEMA L21-20



L2120PF



L2120CW



IGL2120R



CWL2120FI

Dimensional Information: C-79 – C-82

Plug & Connector Specification Information:

Safety Grip L21-20: C-89  
Severe Duty: C-97  
Watertight: C-95

Receptacle Specification Information:

L21-20 : C-91  
Isolated Ground L21-20: C-91  
Watertight: C-96

Flanged Inlet & Flanged Outlet Specification Information:

L21-20 : C-93

## 20A, 3ØY 120/208V NEMA L21-20

### Plugs & Connectors

| Style & Description                         | Cord Dia.                      | Catalog No.                         |                                     | Certifications |    |    |    |    |    |
|---|--------------------------------|-------------------------------------|-------------------------------------|----------------|----|----|----|----|----|
|   |                                | Plug                                | Connector                           | USA            | UL | UL | UL | UL | UL |
| Safety Grip™ Straight Body, Black & White   | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> CWL2120P   | <input type="checkbox"/> CWL2120C   | •              | •  | •  | •  | •  | •  |
| Safety Grip™ Straight Body, Black           | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> CWL2120PBK | <input type="checkbox"/> CWL2120CBK |                |    |    |    |    | •  |
| Safety Grip™ Flat Cable Straight Body, Gray | Max. 5-Wire #10 AWG Flat Cable | <input type="checkbox"/> L2120PF    | <input type="checkbox"/> L2120CF    | •              |    |    |    |    | •  |
| Severe Duty, Yellow & Black                 | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> L2120PY    | <input type="checkbox"/> L2120CY    | •              |    |    |    |    | •  |
| Watertight, Yellow                          | 0.36-0.84" (9.1-21.3mm)        | <input type="checkbox"/> L2120PW    | <input type="checkbox"/> L2120CW    | •              |    |    |    |    | •  |
| Watertight, All-Black                       | 0.36-0.84" (9.1-21.3mm)        | <input type="checkbox"/> L2120PWBK  | <input type="checkbox"/> L2120CWBK  | •              |    |    |    |    | •  |

### Receptacles

| Style & Description        | Catalog No.                        | Certifications |    |    |    |    |    |
|----------------------------|------------------------------------|----------------|----|----|----|----|----|
|                            |                                    | USA            | UL | UL | UL | UL | UL |
| Standard Industrial, Black | <input type="checkbox"/> CWL2120R  | •              | •  | •  | •  | •  | •  |
| Isolated Ground, Orange    | <input type="checkbox"/> IGL2120R  | •              | •  |    |    |    | •  |
| Watertight, Yellow         | <input type="checkbox"/> L2120RW   | •              |    | •  |    |    | •  |
| Watertight, All-Black      | <input type="checkbox"/> L2120RWBK | •              |    | •  |    |    | •  |

### Flanged Inlets & Outlets

| Style & Description                | Catalog No.                        |                                    | Certifications |    |    |    |    |    |
|------------------------------------|------------------------------------|------------------------------------|----------------|----|----|----|----|----|
|                                    | Flanged Inlet                      | Flanged Outlet                     | USA            | UL | UL | UL | UL | UL |
| Standard Industrial, Black & White | <input type="checkbox"/> CWL2120FI | —                                  | •              | •  | •  |    |    |    |
| Standard Industrial, Black & White | —                                  | <input type="checkbox"/> CWL2120FO | •              | •  |    |    |    | •  |

### Icon Key

USA NAFTA Compliant - see page O-30

### Accessories for NEMA L21-20 Locking Devices

| Description  | Catalog No.                   | USA |
|--|-------------------------------|-----|
| Neoprene weather protective boot for 20A 4-P, 5-W plug                         | <input type="checkbox"/> BL1  | •   |
| Neoprene weather protective boot for 20A connector                             | <input type="checkbox"/> BL2  | •   |
| Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes      | <input type="checkbox"/> 7420 | •   |
| Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices | <input type="checkbox"/> WP2  | •   |



BL1



BL2



7420



WP2

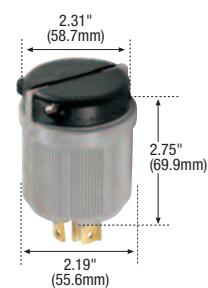
# Industrial Specification Grade 15A, 20A & 30A Locking Receptacles

2-Pole, 3-Wire Grounding; 3-Pole, 3-Wire Non-Grounding; 3-Pole, 4-Wire Grounding; 4-Pole, 4-Wire Non-Grounding; 4-Pole, 5-Wire Grounding

|                               |                           |  |  |   |  |
|-------------------------------|---------------------------|--|--|---|--|
|                               | Device Type               | 20A Hart-Lock™ Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L9-20, L10-20, L11-20, L12-20, L14-20, L15-20, L16-20, L18-20, L19-20, L20-20, L21-20, L22-20, L23-20, Non-NEMA 20A  | 30A Hart-Lock™ Single Receptacles: NEMA L5-30, L6-30, L7-30, L8-30, L9-30, L10-30, L11-30, L12-30, L13-30, L14-30, L15-30, L16-30, L17-30, L18-30, L19-30, L20-30, L21-30, L22-30, L23-30, Non-NEMA 30A  | 20A & 30A Hart-Lock™ Isolated Ground Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L5-30, L6-30, L7-30, L8-30, L14-20, L15-20, L16-20, L21-20, L22-20, L23-20, L21-30, L22-30, L23-30  | 15A & 20A Hart-Lock™ Receptacles, 2-Pole, 2-Wire: NEMA L1-15, L2-20                |
|                               | Wiring Type               | Back & side wire   | Back & side wire   | Back & side wire  | Back & side wire   |
|                               | Testing & Code Compliance | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>NEMA L5-20, L6-20, L7-20, L10-20, L14-20, L15-20, L18-20 &amp; L21-20 also UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42 except 7310B, NEMA L11-20, L12-20, 7410B, L18-20, L19-20, L20-20</li> <li>NEMA L11-20, L14-20, L15-20, L18-20, L21-20, L22-20 also NOM certified</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>NEMA L5-30, L6-30, L7-30, L14-30, L15-30, L20-30, L21-30, L23-30 also UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42 except NEMA L11-20, L12-20, 3330-2, L10-30, L11-30, L12-30, L13-30, 3430, L18-30, L19-30, L20-30</li> <li>NEMA L5-30, L10-30, L11-30, L14-30, L15-30, L18-30 also NOM certified</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>CSA certified to C22.2, no. 42 except NEMA L5-30</li> <li>NOM certified, except for L7-20, L8-20, L6-30, L7-30, L8-30, L16-20, L21-30, L22-30, L23-30</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> </ul> |
|                               |                           |  |  |   |  |
| Specifications: Environmental | Flammability              | Meets UL 94 requirements, V0 rated   | Meets UL 94 requirements, V0 rated   | Meets UL94 requirements, V0 rated   | Meets UL94 requirements, V0 rated  |
|                               | Temperature Rating        | -40°C to 60°C (-40°F to 140°F)   | -40°C to 60°C (-40°F to 140°F)   | -40°C to 70°C (-40°F to 158°F)  | -40°C to 105°C (-40°F to 221°F)  |
| Specifications: Electrical    | Dielectric Voltage        | Withstands 2,500V per UL 498   | Withstands 2,500V per UL 498   | Withstands 2,500V per UL 498  | Withstands 1500V per UL 498  |
|                               | Current Interrupting      | Yes, at full-rated current   | Yes, at full-rated current   | Yes, at full-rated current  | Yes, at full-rated current   |
|                               | Temperature Rise          | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)   | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)   | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)  | Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)         |
| Specifications: Mechanical    | Terminal Accommodation    | #14 - #8 AWG   | #14 - #8 AWG   | #14 - #8 AWG  | #14 - #10 AWG  |
|                               | Voltage Ratings           | Permanently marked on device   | Permanently marked on device   | Permanently marked on device  | Permanently marked on device   |
| Materials:                    | Face                      | Glass-filled nylon   | Glass-filled nylon   | Glass-filled nylon  | Glass-filled nylon   |
|                               | Base                      | Glass-filled nylon   | Glass-filled nylon   | Glass-filled nylon  | Glass-filled nylon   |
|                               | Mounting Strap            | .050" thick steel, zinc plated   | .050" thick steel, zinc plated   | .050" thick steel, zinc plated  | .050" thick steel, zinc plated   |
|                               | Line Contacts             | 0.042" thick brass   | 0.042" thick brass   | 0.042" thick brass  | 0.032" thick brass, bronze   |
|                               | Terminal Screws           | #10-32 brass, neutral screw nickel plated  | #10-32 brass, neutral screw nickel plated  | #10-32 brass, neutral screw nickel plated   | #8-32 steel, nickel plated   |
|                               | Ground Screw              | #10-32 brass (green)   | #10-32 brass (green)   | #10-32 brass (green)  | #8-32 brass, green   |
|                               | Contact Springs           | .040" thick brass  | .040" thick brass  | .040" thick brass   | 0.032" thick brass, bronze   |
|                               | Terminal Clamps/Plates    | .040" thick brass  | .040" thick brass  | .040" thick brass   | 0.070" thick steel, zinc plated  |
|                               | Ground Contacts           | .040" thick brass  | .040" thick brass  | .040" thick brass   | N/A  |
|                               | Back Plate                | .040" thick brass, nickel-plated   | .040" thick brass, nickel-plated   | .040" thick brass, nickel-plated  | N/A  |
|                               | Mounting Screws           | Steel, zinc-plated   | Steel, zinc-plated   | Steel, zinc-plated  | Steel, zinc-plated   |

## Hart-Lock™ Industrial Specification Grade Locking Devices

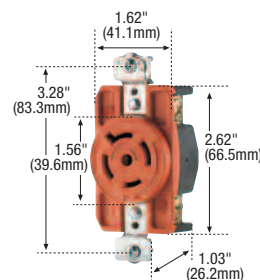
4-Pole, 5-Wire Grounding  
20A, 3ØY 120/208V/AC  
NEMA L21-20



L2120PF



L2120CW



IGL2120R



CWL2120FI

Dimensional Information: C-79 – C-82

Plug & Connector Specification Information:

Safety Grip L21-20: C-89  
Severe Duty: C-97  
Watertight: C-95

Receptacle Specification Information:

L21-20 : C-91  
Isolated Ground L21-20: C-91  
Watertight: C-96

Flanged Inlet & Flanged Outlet Specification Information:

L21-20 : C-93

## 20A, 3ØY 120/208V NEMA L21-20

### Plugs & Connectors

| Style & Description                         | Cord Dia.                      | Catalog No.                         |                                     | Certifications |    |    |    |    |    |
|---|--------------------------------|-------------------------------------|-------------------------------------|----------------|----|----|----|----|----|
|   |                                | Plug                                | Connector                           | USA            | UL | UL | UL | UL | UL |
| Safety Grip™ Straight Body, Black & White   | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> CWL2120P   | <input type="checkbox"/> CWL2120C   | •              | •  | •  | •  | •  | •  |
| Safety Grip™ Straight Body, Black           | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> CWL2120PBK | <input type="checkbox"/> CWL2120CBK |                |    |    |    |    |    |
| Safety Grip™ Flat Cable Straight Body, Gray | Max. 5-Wire #10 AWG Flat Cable | <input type="checkbox"/> L2120PF    | <input type="checkbox"/> L2120CF    | •              |    |    |    |    | •  |
| Severe Duty, Yellow & Black                 | 0.63-1.16" (15.9-29.4mm)       | <input type="checkbox"/> L2120PY    | <input type="checkbox"/> L2120CY    | •              |    |    |    |    | •  |
| Watertight, Yellow                          | 0.36-0.84" (9.1-21.3mm)        | <input type="checkbox"/> L2120PW    | <input type="checkbox"/> L2120CW    | •              |    |    |    |    | •  |
| Watertight, All-Black                       | 0.36-0.84" (9.1-21.3mm)        | <input type="checkbox"/> L2120PWBK  | <input type="checkbox"/> L2120CWBK  | •              |    |    |    |    | •  |

### Receptacles

| Style & Description        | Catalog No.                        | Certifications    |     |    |    |    |    |
|----------------------------|------------------------------------|-------------------|-----|----|----|----|----|
|                            |                                    | Single Receptacle | USA | UL | UL | UL | UL |
| Standard Industrial, Black | <input type="checkbox"/> CWL2120R  |                   | •   | •  | •  | •  | •  |
| Isolated Ground, Orange    | <input type="checkbox"/> IGL2120R  |                   | •   |    |    |    | •  |
| Watertight, Yellow         | <input type="checkbox"/> L2120RW   |                   | •   |    |    |    | •  |
| Watertight, All-Black      | <input type="checkbox"/> L2120RWBK |                   | •   |    |    |    | •  |

### Flanged Inlets & Outlets

| Style & Description                | Catalog No.                        |                                    | Certifications |    |    |    |    |  |
|------------------------------------|------------------------------------|------------------------------------|----------------|----|----|----|----|--|
|                                    | Flanged Inlet                      | Flanged Outlet                     | USA            | UL | UL | UL | UL |  |
| Standard Industrial, Black & White | <input type="checkbox"/> CWL2120FI | —                                  | •              | •  | •  |    |    |  |
| Standard Industrial, Black & White | —                                  | <input type="checkbox"/> CWL2120FO | •              | •  |    |    | •  |  |

### Icon Key

USA NAFTA Compliant - see page O-30

### Accessories for NEMA L21-20 Locking Devices

| Description  | Catalog No.                   | USA |
|--|-------------------------------|-----|
| Neoprene weather protective boot for 20A 4-P, 5-W plug                         | <input type="checkbox"/> BL1  | •   |
| Neoprene weather protective boot for 20A connector                             | <input type="checkbox"/> BL2  | •   |
| Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes      | <input type="checkbox"/> 7420 | •   |
| Glass-filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices | <input type="checkbox"/> WP2  | •   |



BL1



BL2



7420



WP2

# Industrial Specification Grade 15A, 20A & 30A Locking Receptacles

2-Pole, 3-Wire Grounding; 3-Pole, 3-Wire Non-Grounding; 3-Pole, 4-Wire Grounding; 4-Pole, 4-Wire Non-Grounding; 4-Pole, 5-Wire Grounding

|                            |                           |  |  |   |  |
|----------------------------|---------------------------|--|--|---|--|
|                            | Device Type               | 20A Hart-Lock™ Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L9-20, L10-20, L11-20, L12-20, L14-20, L15-20, L16-20, L18-20, L19-20, L20-20, L21-20, L22-20, L23-20, Non-NEMA 20A  | 30A Hart-Lock™ Single Receptacles: NEMA L5-30, L6-30, L7-30, L8-30, L9-30, L10-30, L11-30, L12-30, L13-30, L14-30, L15-30, L16-30, L17-30, L18-30, L19-30, L20-30, L21-30, L22-30, L23-30, Non-NEMA 30A  | 20A & 30A Hart-Lock™ Isolated Ground Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L5-30, L6-30, L7-30, L8-30, L14-20, L15-20, L16-20, L21-20, L22-20, L23-20, L21-30, L22-30, L23-30  | 15A & 20A Hart-Lock™ Receptacles, 2-Pole, 2-Wire: NEMA L1-15, L2-20                |
|                            | Wiring Type               | Back & side wire   | Back & side wire   | Back & side wire  | Back & side wire   |
|                            | Testing & Code Compliance | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>NEMA L5-20, L6-20, L7-20, L10-20, L14-20, L15-20, L18-20 &amp; L21-20 also UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42 except 7310B, NEMA L11-20, L12-20, 7410B, L18-20, L19-20, L20-20</li> <li>NEMA L11-20, L14-20, L15-20, L18-20, L21-20, L22-20 also NOM certified</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>NEMA L5-30, L6-30, L7-30, L14-30, L15-30, L20-30, L21-30, L23-30 also UL verified to Federal Spec. WC-596G</li> <li>CSA certified to C22.2, no. 42 except NEMA L11-20, L12-20, 3330-2, L10-30, L11-30, L12-30, L13-30, 3430, L18-30, L19-30, L20-30</li> <li>NEMA L5-30, L10-30, L11-30, L14-30, L15-30, L18-30 also NOM certified</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> <li>CSA certified to C22.2, no. 42 except NEMA L5-30</li> <li>NOM certified, except for L7-20, L8-20, L6-30, L7-30, L8-30, L16-20, L21-30, L22-30, L23-30</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL 498, file no. E2369</li> </ul> |
|                            |                           | Flammability   | Meets UL 94 requirements, V0 rated   | Meets UL 94 requirements, V0 rated  | Meets UL94 requirements, V0 rated  |
| Temperature Rating         |                           | -40°C to 60°C (-40°F to 140°F)   | -40°C to 60°C (-40°F to 140°F)   | -40°C to 70°C (-40°F to 158°F)  | -40°C to 105°C (-40°F to 221°F)  |
| Specifications: Electrical | Dielectric Voltage        | Withstands 2,500V per UL 498   | Withstands 2,500V per UL 498   | Withstands 2,500V per UL 498  | Withstands 1500V per UL 498  |
|                            | Current Interrupting      | Yes, at full-rated current   | Yes, at full-rated current   | Yes, at full-rated current  | Yes, at full-rated current   |
|                            | Temperature Rise          | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)   | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)   | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)  | Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)         |
| Specifications: Mechanical | Terminal Accommodation    | #14 - #8 AWG   | #14 - #8 AWG   | #14 - #8 AWG  | #14 - #10 AWG  |
|                            | Voltage Ratings           | Permanently marked on device   | Permanently marked on device   | Permanently marked on device  | Permanently marked on device   |
| Materials:                 | Face                      | Glass-filled nylon   | Glass-filled nylon   | Glass-filled nylon  | Glass-filled nylon   |
|                            | Base                      | Glass-filled nylon   | Glass-filled nylon   | Glass-filled nylon  | Glass-filled nylon   |
|                            | Mounting Strap            | .050" thick steel, zinc plated   | .050" thick steel, zinc plated   | .050" thick steel, zinc plated  | .050" thick steel, zinc plated   |
|                            | Line Contacts             | 0.042" thick brass   | 0.042" thick brass   | 0.042" thick brass  | 0.032" thick brass, bronze   |
|                            | Terminal Screws           | #10-32 brass, neutral screw nickel plated  | #10-32 brass, neutral screw nickel plated  | #10-32 brass, neutral screw nickel plated   | #8-32 steel, nickel plated   |
|                            | Ground Screw              | #10-32 brass (green)   | #10-32 brass (green)   | #10-32 brass (green)  | #8-32 brass, green   |
|                            | Contact Springs           | .040" thick brass  | .040" thick brass  | .040" thick brass   | 0.032" thick brass, bronze   |
|                            | Terminal Clamps/Plates    | .040" thick brass  | .040" thick brass  | .040" thick brass   | 0.070" thick steel, zinc plated  |
|                            | Ground Contacts           | .040" thick brass  | .040" thick brass  | .040" thick brass   | N/A  |
|                            | Back Plate                | .040" thick brass, nickel-plated   | .040" thick brass, nickel-plated   | .040" thick brass, nickel-plated  | N/A  |
|                            | Mounting Screws           | Steel, zinc-plated   | Steel, zinc-plated   | Steel, zinc-plated  | Steel, zinc-plated   |