



# Wiring Devices – Straight Blade Plugs / Connectors

**BRY5266NP****BRY5269NC****9530NP****9530NC**

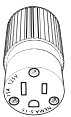
## Features

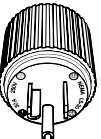
- Internal Triple-Gripper® cord clamp with unique "radius teeth" design automatically centers and secures the cord
- Tough impact- and chemical-resistant nylon housing
- Double-wall construction
- Combination Phillips/slotted captive terminal screws
- Transparent terminal cover with clear window and teardrop wiring pockets to ease insertion of stranded wire and to make solid connections
- Captive, quick-thread assembly screws backed out, ready for assembly
- Copper wire only
- Insulated design shields exposed metal parts on hand-held side
- Integral thermoplastic elastomer dust seal surrounds cord to help prevent moisture and contaminants from entering the wiring chamber
- Ratings stamped on straight blade devices visible while in use [15 and 20A]
- Face and body feature contrasting key for correct and easy assembly every time
- Universal cord grip design accepts 0.300" to 0.655" [7.6 to 16.6 mm] cord without inserts or adapters [15 and 20A]; 0.425" to 1.320" [10.80 to 33.5 mm]

## Agency Approvals

- UL File E2258 [Receptacle], E1381, E3382
- Plug, Connector
- CSA Certified 16215

| 15 Amp Straight Devices |        |         |                                                                                                                                                                                           |                                  |                                                                                     |          |                                  |                                                                                       |         |
|-------------------------|--------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|----------|----------------------------------|---------------------------------------------------------------------------------------|---------|
| Poles                   | NEMA # | Voltage | Configuration                                                                                                                                                                             | Plug Part No.                    | Style                                                                               | Price    | Connector Part No.               | Style                                                                                 | Price   |
| 2-Pole<br>3-Wire        | 5-15   | 125V    |  <br>5-15R    5-15P | <u><a href="#">BRY5266NP</a></u> |  | \$06yu:  | <u><a href="#">BRY5269NC</a></u> |  | \$06yu: |
|                         | 6-15   | 250V    |  <br>6-15R    6-15P | <u><a href="#">BRY5666NP</a></u> |                                                                                     | \$,06y.: | <u><a href="#">BRY5669NC</a></u> |                                                                                       | \$06z0: |

| 20 Amp Straight Devices |        |         |                                                                                                                                                                                           |                                  |                                                                                     |          |                                  |                                                                                       |          |
|-------------------------|--------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------|----------|----------------------------------|---------------------------------------------------------------------------------------|----------|
| Poles                   | NEMA # | Voltage | Configuration                                                                                                                                                                             | Plug Part No.                    | Style                                                                               | Price    | Connector Part No.               | Style                                                                                 | Price    |
| 2-Pole<br>3-Wire        | 5-20   | 125V    |  <br>5-20R    5-20P | <u><a href="#">BRY5366NP</a></u> |  | \$,06y]: | <u><a href="#">BRY5369NC</a></u> |  | \$,06y]: |
|                         | 6-20   | 250V    |  <br>6-20R    6-20P | <u><a href="#">BRY5466NP</a></u> |                                                                                     | \$06y#:  | <u><a href="#">BRY5469NC</a></u> |                                                                                       | \$,06y!: |

| 30 Amp Straight Devices |        |         |                                                                                                                                                                                           |                               |                                                                                     |           |                               |                                                                                       |          |
|-------------------------|--------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|-----------|-------------------------------|---------------------------------------------------------------------------------------|----------|
| Poles                   | NEMA # | Voltage | Configuration                                                                                                                                                                             | Plug Part No.                 | Style                                                                               | Price     | Connector Part No.            | Style                                                                                 | Price    |
| 2-Pole<br>3-Wire        | 5-30   | 125V    |  <br>5-30R    5-30P | <u><a href="#">9530NP</a></u> |  | \$-006yl: | <u><a href="#">9530NC</a></u> |  | \$006yk: |
|                         | 6-30   | 250V    |  <br>6-30R    6-30P | <u><a href="#">9630NP</a></u> |                                                                                     | \$006yp:  | <u><a href="#">9630NC</a></u> |                                                                                       | \$006yo: |

**BRYANT®**

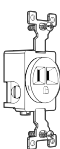
# Wiring Devices – Single Straight Blade Receptacles

| 15 Amp Single Receptacles |        |         |                                                                                            |                             |                                                                                   |          |
|---------------------------|--------|---------|--------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|----------|
| Poles                     | NEMA # | Voltage | Configuration                                                                              | Part Number                 | Style                                                                             | Price    |
| 2 Pole<br>3 Wire          | 5-15   | 125V    | <br>5-15R | <a href="#"><u>5251</u></a> |  | \$;6yf:  |
|                           | 6-15   | 250V    | <br>6-15R | <a href="#"><u>5661</u></a> |                                                                                   | \$-06yi: |

[5251](#)

| 20 Amp Single Receptacles |        |         |                                                                                            |                             |                                                                                   |          |
|---------------------------|--------|---------|--------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------------------------------------------------------|----------|
| Poles                     | NEMA # | Voltage | Configuration                                                                              | Part Number                 | Style                                                                             | Price    |
| 2 Pole<br>3 Wire          | 5-20   | 125V    | <br>5-20R | <a href="#"><u>5361</u></a> |  | \$;0et_: |
|                           | 6-20   | 250V    | <br>6-20R | <a href="#"><u>5461</u></a> |                                                                                   | \$06yh:  |

[5361](#)

| 30 Amp Single Receptacles |        |         |                                                                                              |                               |                                                                                     |          |
|---------------------------|--------|---------|----------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------------|----------|
| Poles                     | NEMA # | Voltage | Configuration                                                                                | Part Number                   | Style                                                                               | Price    |
| 2 Pole<br>3 Wire          | 5-30   | 125V    | <br>5-30R | <a href="#"><u>9530FR</u></a> |  | \$-06yj: |
|                           | 6-30   | 250V    | <br>6-30R | <a href="#"><u>9630FR</u></a> |                                                                                     | \$06yn:  |

[9530FR](#)

# Wiring Devices – Straight Blade Plugs / Connectors / Receptacles Specifications and Drawings

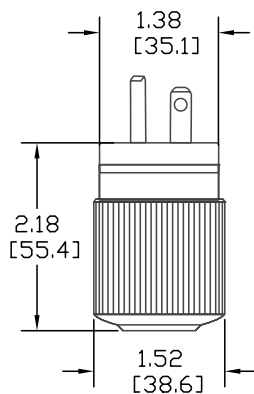
| Straight Blade Devices General Specifications |                         |                                                                             |                                                                                            |                                        |                                                                                                    |
|-----------------------------------------------|-------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Part Type                                     | Maximum Working Voltage | Operating/Storage Temperature                                               | Terminal Accommodation                                                                     | Cord Grip Range                        | Torque Specifications                                                                              |
| <b>Plug</b>                                   | 250 VAC/DC              | Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact | 15/20 Amp Fork slot = 0.390 x 0.060 terminal screw #8                                      | 15/20 amp = 0.245"-0.655" [6.2-16.6mm] | 15/20 amp = Terminal screw 12-14 lb-in [1.4-1.6 N-m]<br>Assembly screw 12 lb-in [1.3 N-m]          |
|                                               |                         |                                                                             |                                                                                            | 30 amp = 0.425"-0.1.320" [10.8-33.5mm] | 30 amp = Terminal screw 20-24 lb-in [2.26-2.712 N-m]<br>Assembly screw 10-12 lb-in [1.2-1.356 N-m] |
| <b>Connector</b>                              |                         |                                                                             | #18 - #10 AWG Flexible Cord [copper wire]                                                  | 15/20 amp = 0.245"-0.655" [6.2-16.6mm] | 15/20 amp = Terminal screw 12-14 lb-in [1.4-1.6 N-m]<br>Assembly screw 12 lb-in [1.3 N-m]          |
|                                               |                         |                                                                             |                                                                                            | 30 amp = 0.425"-0.1.320" [10.8-33.5mm] | 30 amp = Terminal screw 20-24 lb-in [2.26-2.712 N-m]<br>Assembly screw 10-12 lb-in [1.2-1.356 N-m] |
| <b>Single Receptacle [15 &amp; 20 amp]</b>    |                         |                                                                             | Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #10 AWG [solid or stranded copper wire] | N/A                                    | 15/20 amp = Terminal screw 14 lb-in [1.6 N-m]                                                      |
| <b>Single Receptacle [30 amp]</b>             |                         |                                                                             | Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire]  | N/A                                    | 30 amp = Terminal screw 25 lb-in [3.0 N-m]                                                         |
| <b>Duplex Receptacle [15 &amp; 20 amp]</b>    |                         |                                                                             | Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #10 AWG [copper conductors only]        | N/A                                    | 15/20 amp = Terminal screw 14 lb-in [1.6 N-m]                                                      |

## Dimensions

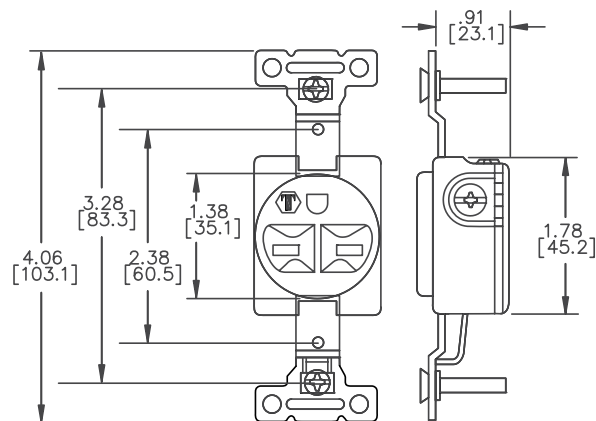
inches [mm]

### 15/20 Amp

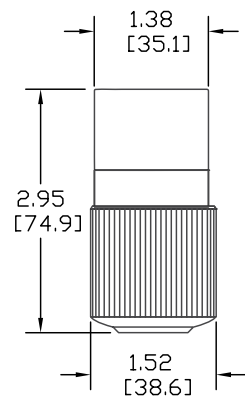
Single Straight Blade Plug



Single Straight Blade Receptacle

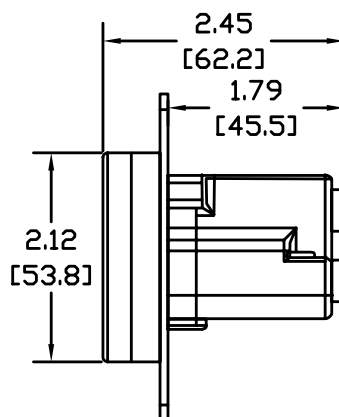


Single Straight Blade Connector



## Dimensions

## 30 AMP



# Wiring Devices – Technical Information

Reference material only. Please see Wiring Section in the catalog for product part number.

| Mechanical And Electrical Properties Of Materials |                       |                         |                         |                        |                        |                                       |                                        |
|---------------------------------------------------|-----------------------|-------------------------|-------------------------|------------------------|------------------------|---------------------------------------|----------------------------------------|
| Properties                                        |                       | 6/6 Nylon               | 6 Nylon                 | Polycarbonate          | PC/PET                 | Phenolic                              | Urea                                   |
| Tensile Strength [PSI]                            |                       | 11,000                  | 6,000+*                 | 9,000                  | 6,000                  | 6,500-10,000                          | 5,500-13,000                           |
| Elongation [%]                                    |                       | 300+*                   | 300*                    | 130                    | 120                    | 0.4 - 0.8                             | 0.5 - 1.0                              |
| Flex. Mod. [Stiffness][PSI]                       |                       | 175,000*                | 140,000*                | 340,000                | 325,000                | 1,000,000                             | 1,500,000                              |
| Izod [Notched] ft.-lb./in.                        |                       | 2.1 lb-in<br>[0.24 Nm]* | 3.0 lb-in<br>[0.34 Nm]* | 15.0 lb-in<br>[1.7 Nm] | 12.0 lb-in<br>[1.36Nm] | 0.3 to 1.9 lb-in<br>[.034 to 0.21 Nm] | 0.25 to 0.4 lb-in<br>[0.03 to 0.05 Nm] |
| Hardness Rockwell                                 |                       | 59M*<br>108R*           | -<br>119R               | 70M<br>118R            | -<br>115R              | 105-120M<br>-                         | 110-120M<br>-                          |
| Heat Deflection Temperature                       | 66 PSI                | 464°F [240°C]           | 370°F [187.7°C]         | -                      | 265°F [129.4°C]        | -                                     | -                                      |
|                                                   | 264 PSI               | 194°F [90°C]            | 185°F [85°C]            | 270°F [132°C]          | 260°F [126.6°C]        | 400°F [204.4°C]                       | 260 to 290°F<br>[126.6 to 143.3°C]     |
| UL Thermal Index                                  | Electrical            | 257°F [125°C]           | 257°F [125°C]           | 257°F [125°C]          | 221°F [105°C]          | 302°F [150°C]                         | 212°F [100°C]                          |
|                                                   | Mechanical w/ Impact  | 167°F [75°C]            | 167°F [75°C]            | 239°F [115°C]          |                        |                                       |                                        |
|                                                   | Mechanical w/o Impact | 185°F [85°C]            | 185°F [85°C]            | 257°F [125°C]          |                        |                                       |                                        |
| Flame Class UL 94                                 |                       | V-2                     | V-2                     | V-2                    | V-0                    | HB-V0                                 | HB-V0                                  |
| Dielectric V/mil                                  |                       | 600                     | 400                     | 380                    | 307                    | 200-400                               | 300-400                                |
| Specific Gravity                                  |                       | 1.14                    | 1.13                    | 1.2                    | 1.33                   | 1.4                                   | 1.5                                    |
| UL Comparative Tracking Index [Volts]             |                       | 600+                    | 600+                    | 250+                   | 230                    | 175+                                  | 600+                                   |

\*Conditioned to 50% relative humidity

| Chemical Resistance Of Materials |       |          |      |               |
|----------------------------------|-------|----------|------|---------------|
| Chemical                         | Nylon | Phenolic | Urea | Polycarbonate |
| Acids                            | C     | B        | B    | A             |
| Alcohol                          | A     | A        | A    | B             |
| Caustic Bases                    | A     | B        | B    | C             |
| Gasoline                         | A     | A        | C    | A             |
| Grease                           | A     | A        | A    | B             |
| Kerosene                         | A     | A        | A    | A             |
| Oil                              | A     | A        | A    | B             |
| Solvents                         | A     | A        | A    | C             |
| Water                            | A     | A        | A    | A             |

Note: A - Completely resistant. Good to excellent, general use.

B - Resistant. Fair to good, limited service.

C - Slow attack. Not recommended for use.

# Wiring Devices – Technical Information

| Table III - Horsepower Ratings |                 |                    |                |
|--------------------------------|-----------------|--------------------|----------------|
| NEMA Configuration             | AC HP Rating**  | Nema Configuration | AC HP Rating** |
| 1-15                           | 0.5             | L1-15              | 0.5            |
| 2-15                           | 1.5             | L2-20              | 2              |
| 2-20                           | 2               | L5-15              | 0.5            |
| 2-30                           | 2               | L5-20              | 1              |
| 5-15                           | 0.5             | L5-30              | 2              |
| 5-20                           | 1               | L6-15              | 1.5            |
| 5-30                           | 2               | L6-20              | 2              |
| 5-50                           | 2               | L6-30              | 2              |
| 6-15                           | 1.5             | L7-15              | 2              |
| 6-20                           | 2               | L7-20              | 2              |
| 6-30                           | 2               | L7-30              | 3              |
| 6-50                           | 3               | L8-20              | 3              |
| 7-15                           | 2               | L8-30              | 5              |
| 7-20                           | 2               | L10-20             | 2 L-L/1 L-N    |
| 7-30                           | 3               | L10-30             | 2 L-L/2 L-N    |
| 7-50                           | 5               | L11-15             | 2              |
| 10-20                          | 2 L-L/1 L-N     | L11-20             | 3              |
| 10-30                          | 2 L-L/2 L-N     | L11-30             | 3              |
| 10-50                          | 3 L-L/2 L-N     | L12-20             | 5              |
| 11-15                          | 2               | L12-30             | 10             |
| 11-20                          | 3               | L14-20             | 2 L-L/1 L-N    |
| 11-30                          | 3               | L14-30             | 2 L-L/2 L-N    |
| 11-50                          | 7.5             | L15-20             | 3              |
| 14-15                          | 1.5 L-L/0.5 L-N | L15-30             | 3              |
| 14-20                          | 2 L-L/1 L-N     | L16-20             | 5              |
| 14-30                          | 2 L-L/2 L-N     | L16-30             | 10             |
| 14-50                          | 3 L-L/2 L-N     | L18-20             | 2              |
| 14-60                          | 3 L-L/2 L-N     | L18-30             | 3              |
| 15-15                          | 2               | L19-20             | 5              |
| 15-20                          | 3               | L19-30             | 10             |
| 15-30                          | 3               | L21-20             | 2              |
| 15-50                          | 7.5             | L21-30             | 3              |
| 15-60                          | 10              | L22-20             | 5              |
| 18-15                          | 2               | L22-30             | 10             |
| 18-20                          | 2               |                    |                |
| 18-30                          | 3               |                    |                |
| 18-50                          | 7.5             |                    |                |
| 18-60                          | 7.5             |                    |                |

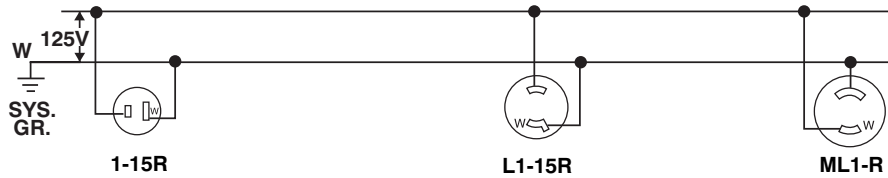
\*\*The phase-to-phase horsepower ratings are noted by "L-L". The phase-to-neutral ratings are identified by "L-N"

# Wiring Devices – NEMA Wiring Diagrams

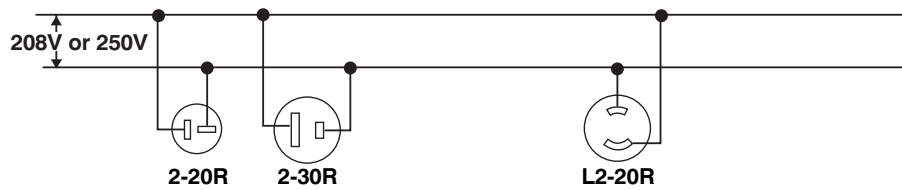
Reference material only. Please see Wiring Section in the catalog for product part number.

## 2-Pole 2-Wire

125V

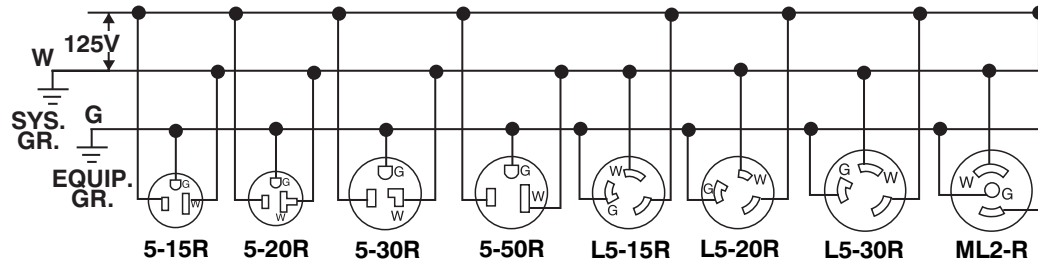


208V or 250V

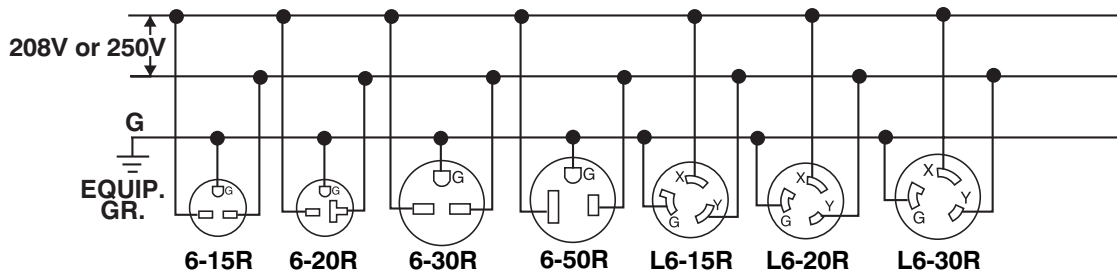


## 2-Pole 3-Wire Grounding

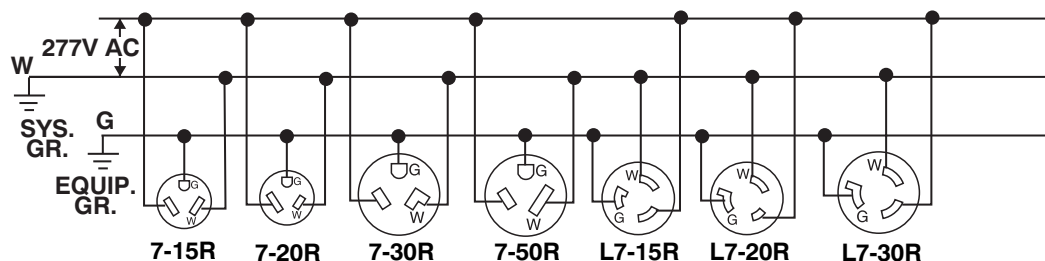
125V



208V or 250V

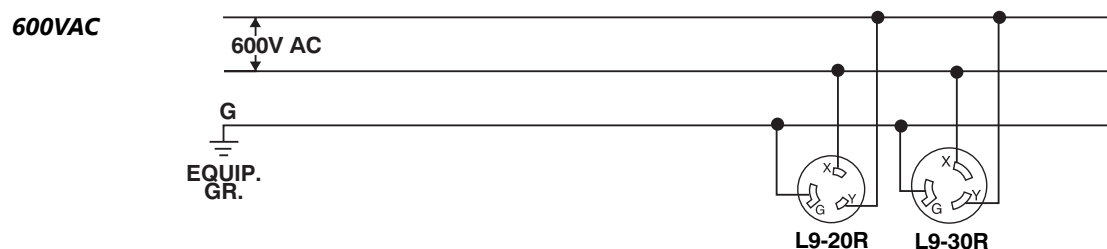
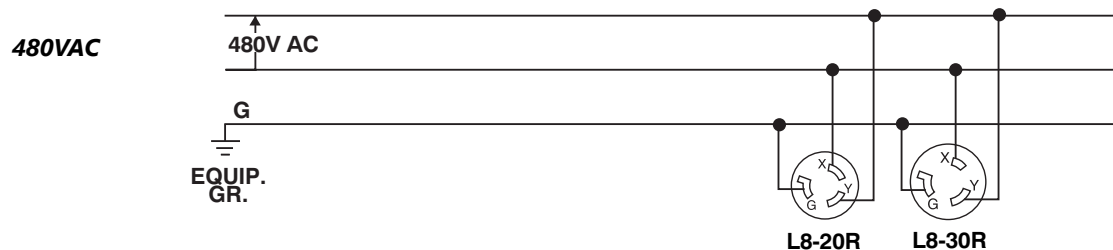


277 VAC

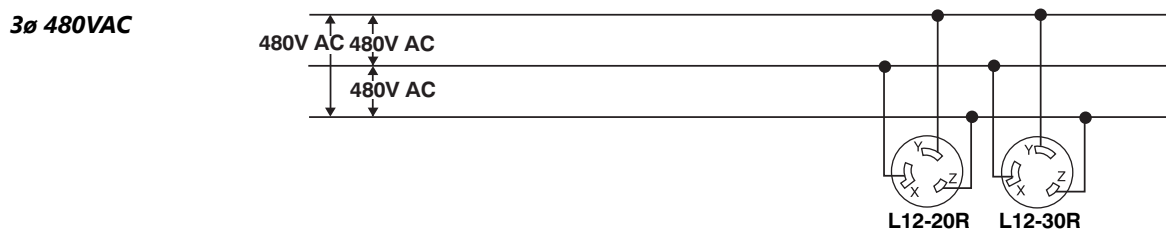
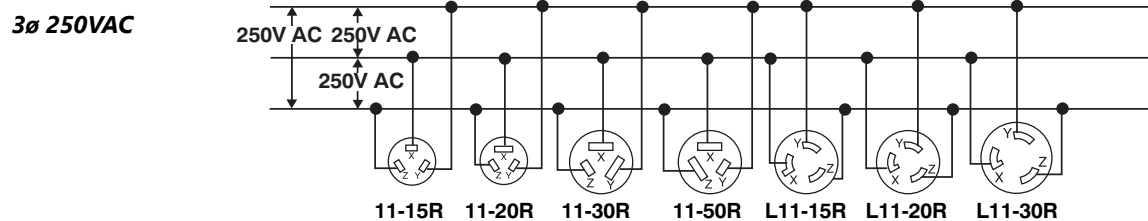
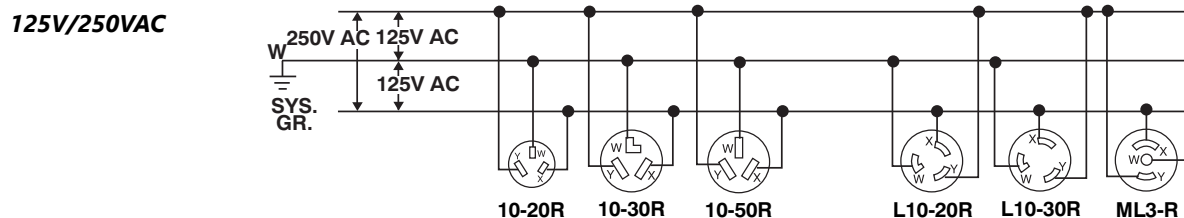


# Wiring Devices – NEMA Wiring Diagrams

## 2-Pole 3-Wire Grounding

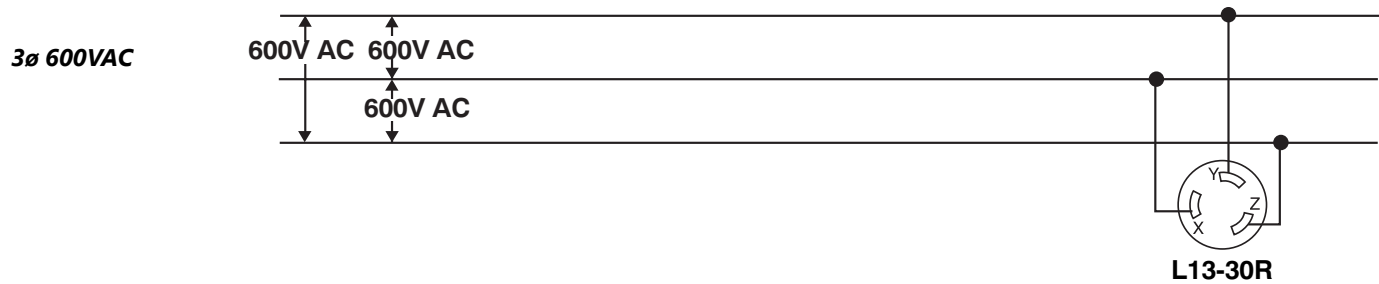


## 3-Pole 3-Wire

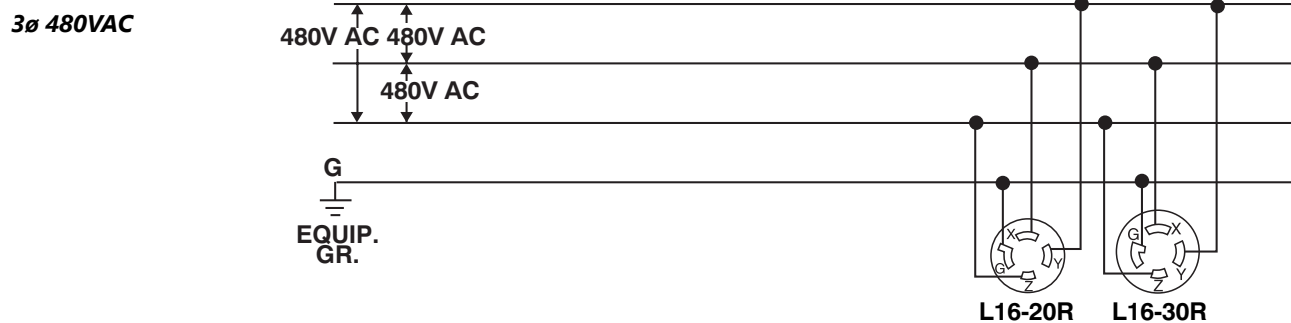
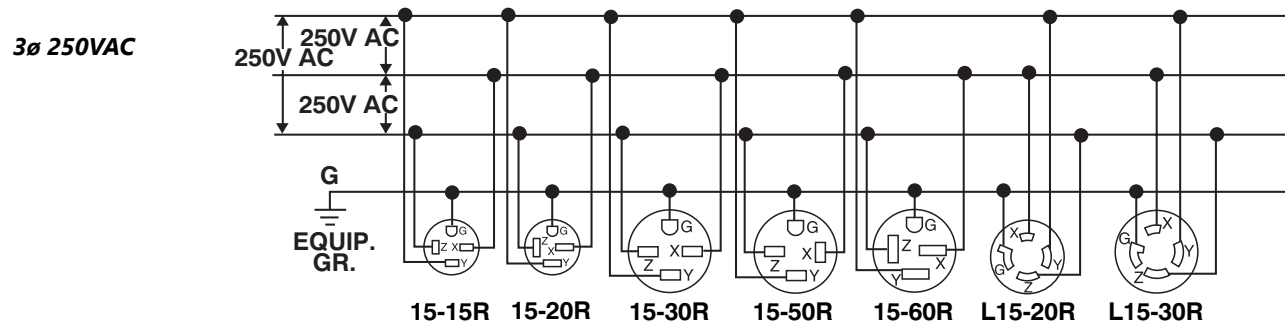
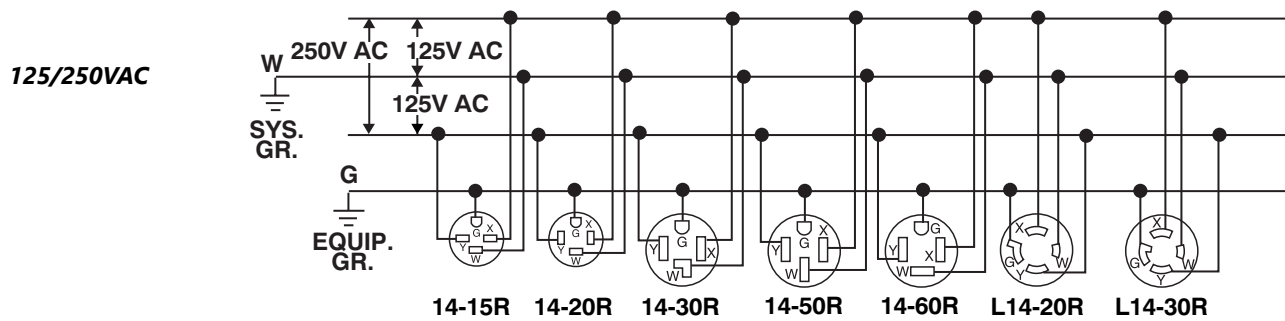


# Wiring Devices – NEMA Wiring Diagrams

## 3-Pole 3-Wire Continued

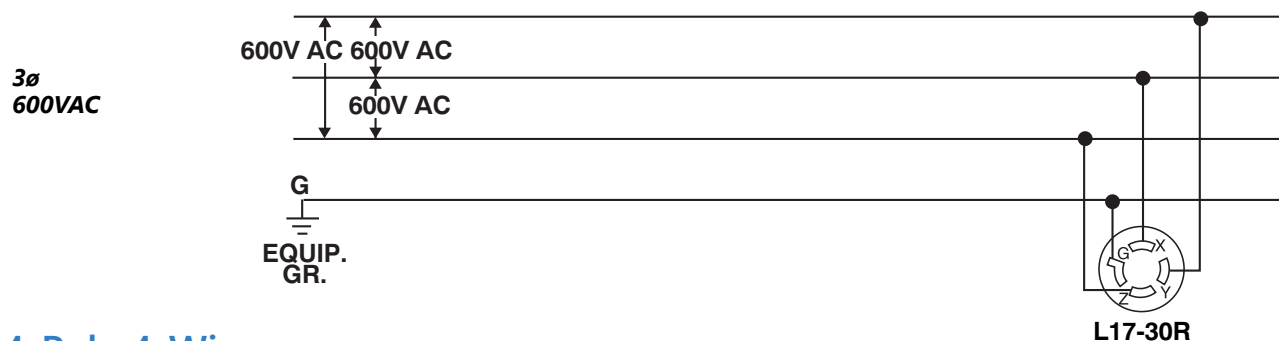


## 3-Pole 4-Wire Grounding

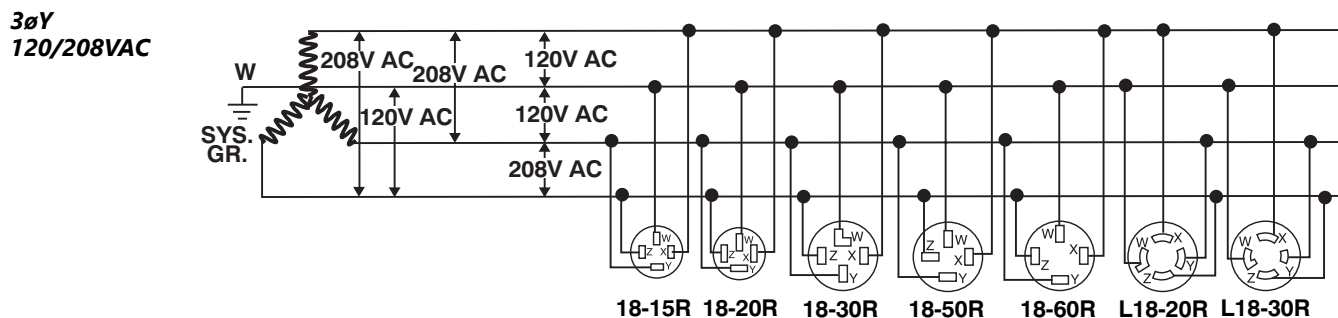


# Wiring Devices – NEMA Wiring Diagrams

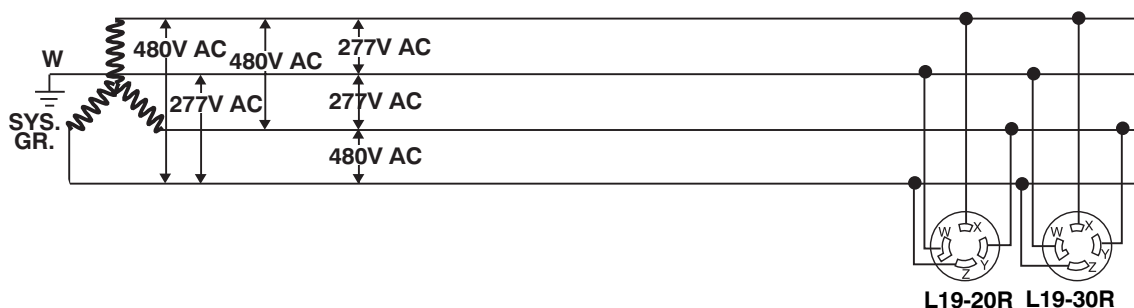
## 3-Pole 4-Wire Grounding Continued



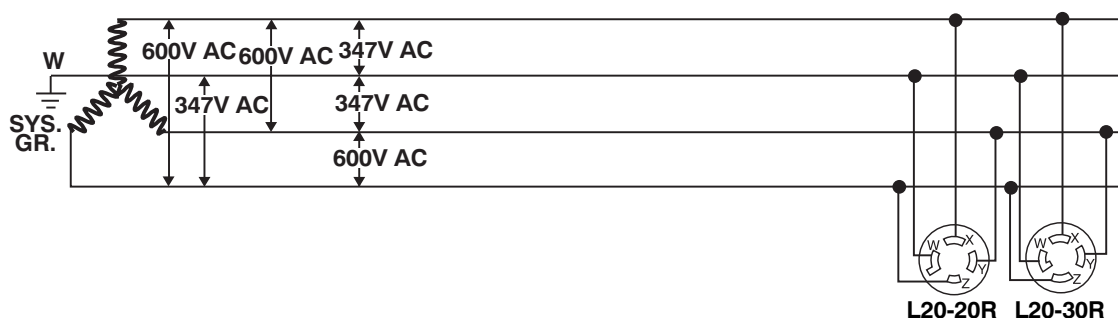
## 4-Pole 4-Wire



**3 $\phi$ Y**  
**277/480VAC**



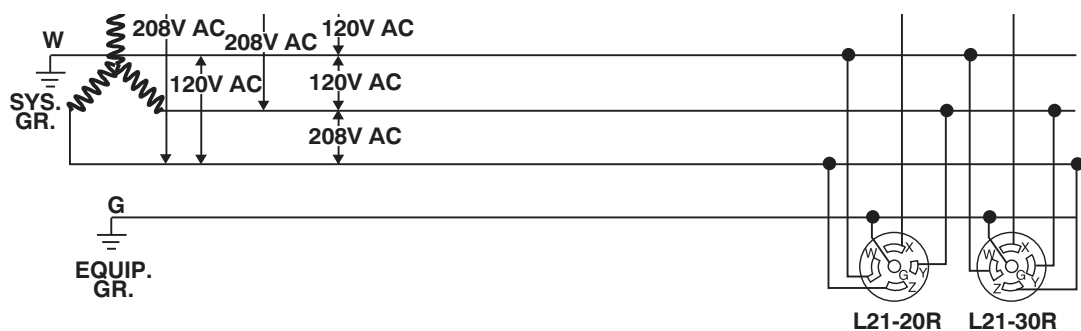
**3 $\phi$ Y**  
**347/600VAC**



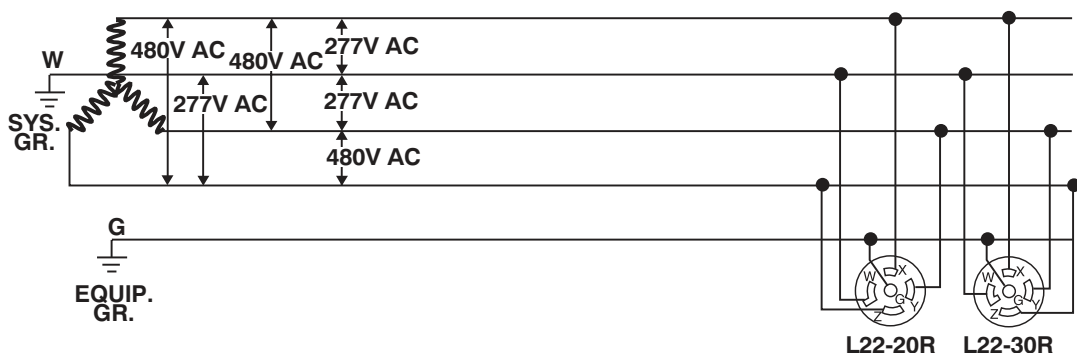
# Wiring Devices – NEMA Wiring Diagrams

## 4-Pole 5-Wire Grounding

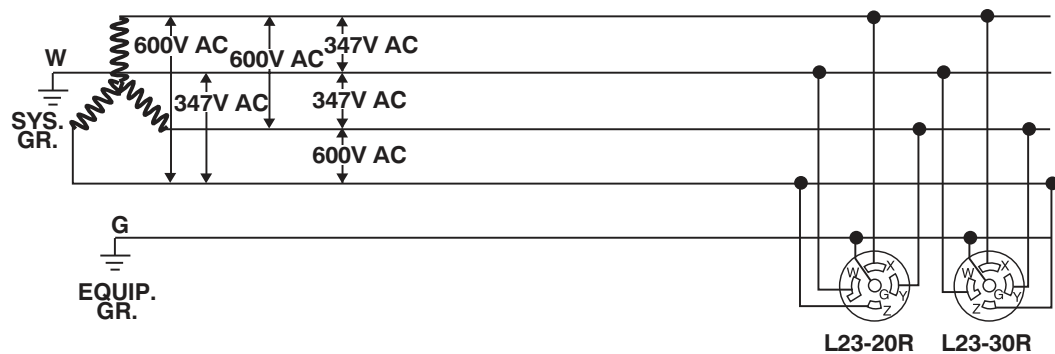
**3 $\phi$ Y**  
**120/208VAC**



**3 $\phi$ Y**  
**277/480VAC**



**3 $\phi$ Y**  
**347/600VAC**



# BRYANT® Wiring Devices – Accessories

## Features

### Nylon Angle Adapter

- Converts 20A and 30A nylon locking plugs and connectors into space saving angle devices
- Adapters permit wire to exit parallel to the receptacle; eliminating space needed for wire to bend

### Weather Protective Boots; 5200 Series

- For use with Bryant 15 and 20 Amp straight blade plugs and connectors and 15 Amp locking plug and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Available in high visibility yellow or standard black
- Thermoplastic elastomer construction
- Excellent ozone and weather resistance
- Resistant to deterioration by oils and heat
- IP55 Suitability when installed and used properly with plug and connector body combinations
- Connector sealing ring provides extra protection when plug and connector are not mated
- Ribbed exterior provides firm grip

### Weather Protective Boots; 7200 Series

- For use with Bryant 20 and 30 Amp locking plugs and connectors
- Help prevent moisture, dust and other contaminants from infiltrating plugs and connectors
- Chemical/UV resistant construction
- Available in high visibility yellow or standard black
- Ribbed exterior provides firm grip
- Sealing ring seals connector when not mated
- For use with Bryant Triple Gripper® 20 and 30 Amp nylon plugs and connectors
- IP55 Suitability when installed and used properly with plug and connector body combinations

### Stainless Steel Cover Plates

## Approvals

- UL File E31999\*
- CSA Certified 18416\*



\*Approvals for stainless steel receptacle plates only.

| Wiring Devices Accessories |                                                                                                                                                     |         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Part Number                | Description                                                                                                                                         | Price   |
| <b>Receptacle Plates</b>   |                                                                                                                                                     |         |
| <b>SS8</b>                 | Bryant cover plate, for use with 15A and 20A duplex receptacles in 1 gang electrical boxes.                                                         | \$6z1:  |
| <b>SS7</b>                 | Bryant cover plate, for use with 15A and 20A single receptacles in 1 gang electrical boxes.                                                         | \$-6zj: |
| <b>SS723</b>               | Bryant cover plate, for use with 30A single receptacles in 1 gang electrical boxes.                                                                 | \$6zn:  |
| <b>SS703</b>               | Bryant cover plate, for use with 30A single receptacles in 2 gang electrical boxes.                                                                 | \$6zk:  |
| <b>SS720</b>               | Bryant cover plate, for use with 20A and 30A single receptacles in 1 gang electrical boxes.                                                         | \$-6zl: |
| <b>Angle Adapter*</b>      |                                                                                                                                                     |         |
| <b>70204ANA</b>            | Bryant 90 degree angle adapter, black. For use with 20A and 30A locking plugs and connectors.                                                       | \$06za: |
| <b>Weather Boots*</b>      |                                                                                                                                                     |         |
| <b>5200BP</b>              | Bryant weather boot, high visibility yellow. For use with 15A locking, 15A straight blade, and 20A straight blade plugs.                            | \$06z6: |
| <b>5200BC</b>              | Bryant weather boot, high visibility yellow. For use with 15A locking, 15A straight blade, and 20A straight blade connectors.                       | \$06z4: |
| <b>5200BSR</b>             | Bryant weather boot cap, high visibility yellow. For use with 5200BC boot.                                                                          | \$06z8: |
| <b>5200BPB</b>             | Bryant weather boot, black. For use with 15A locking, 15A straight blade, and 20A straight blade plugs.                                             | \$06z7: |
| <b>5200BCB</b>             | Bryant weather boot, black. For use with 15A locking, 15A straight blade, and 20A straight blade connectors.                                        | \$06z5: |
| <b>5200BSRB</b>            | Bryant weather boot cap, black. For use with 5200BCB boot.                                                                                          | \$06z9: |
| <b>72002BC</b>             | Bryant weather boot, high visibility yellow. For use with 20A and 30A locking connectors.                                                           | \$06zb: |
| <b>72002BP</b>             | Bryant weather boot, high visibility yellow. For use with 20A and 30A locking plugs.                                                                | \$06zd: |
| <b>72002BPB</b>            | Bryant weather boot, black. For use with 20A and 30A locking plugs, chemical and ultraviolet resistant thermoplastic elastomer construction, black. | \$06ze: |
| <b>72002BCB</b>            | Bryant weather boot, black. For use with 20A and 30A locking connectors.                                                                            | \$06zc: |

\*Angle adapter and weather boots are not UL listed or CSA certified.



**Stainless Steel  
Receptacle Plates**



**Angle Adapter  
70204ANA**

# BRYANT® Wiring Devices – Accessories



**72002BC**  
**Weather Boot**

**Note:** Connectors shown on above installations are not included and are purchased separately.



**Angle Adapter 70204ANA**

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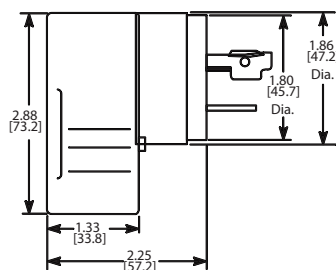
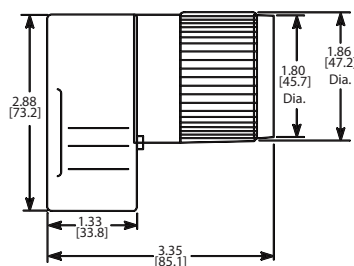
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## Dimensions

inches [mm]

### Angle Adapter



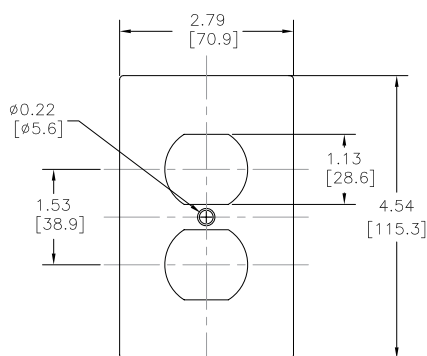
Angle Adapter

# Wiring Devices – Accessories Drawings

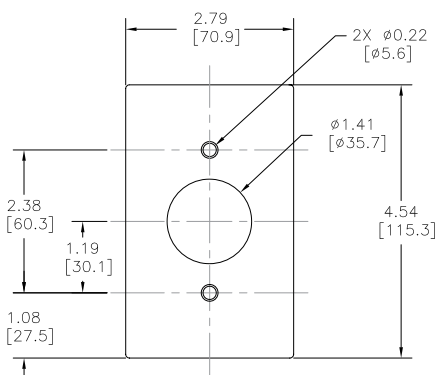
## Dimensions

inches [mm]

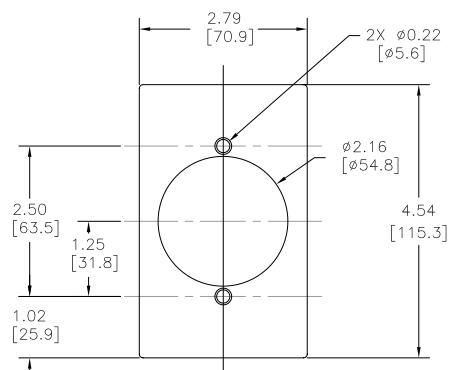
### Stainless Steel Cover Plates



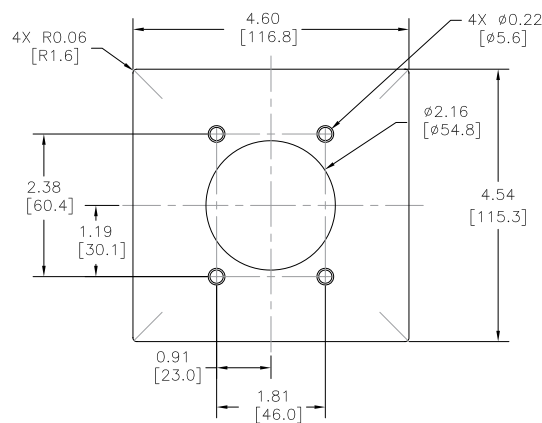
**SS8**



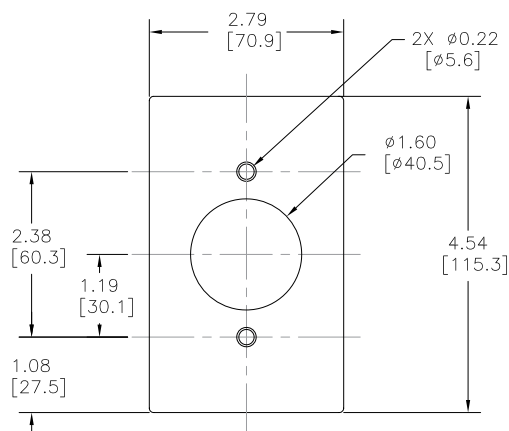
**SS7**



**SS723**



**SS703**



**SS720**