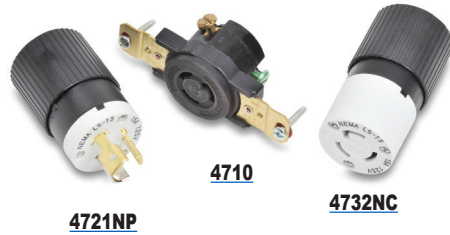




Wiring Devices – Locking Plugs / Connectors / Receptacles



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
- Copper wire only
- Captive, quick-thread assembly screws backed out, ready for assembly
- Integral thermoplastic elastomer dust seal surrounds cord to help prevent moisture and contaminants from entering the wiring chamber
- Nickel-plated neutral blade for easy identification
- Amperage, voltage and NEMA configuration imprinted on face for easy identification

Agency Approvals

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




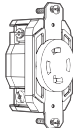









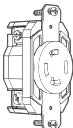


Note: See Table III at the end of the Wiring Devices section for Horsepower Ratings




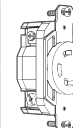



| 15 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|---------|----------------------|-------------------------|-------|---------|-------------------------|-------|---------|-------------------------|-------|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 2-Pole 3-Wire | L5-15 | 125V | L5-15R L5-15P | 4721NP | | \$11.50 | 4732NC | | \$21.50 | 4710 | | \$14.50 |
| | L6-15 | 250V | L6-15R L6-15P | 70615NP | | \$12.50 | 70615NC | | \$22.00 | 70615FR | | \$17.00 |
| | L7-15 | 277V AC | L7-15R L7-15P | 4770NP | | \$13.50 | 4779NC | | \$23.50 | 4760 | | \$16.00 |




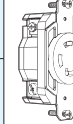

| 20 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|---------|----------------------|-------------------------|-------|---------|-------------------------|-------|---------|-------------------------|-------|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 2-Pole 3-Wire | L5-20 | 125V | L5-20R L5-20P | 70520NP | | \$14.00 | 70520NC | | \$23.50 | 70520FR | | \$19.00 |
| | L6-20 | 250V | L6-20R L6-20P | 70620NP | | \$14.00 | 70620NC | | \$23.50 | 70620FR | | \$19.00 |
| | L7-20 | 277V AC | L7-20R L7-20P | 70720NP | | \$14.00 | 70720NC | | \$23.50 | 70720FR | | \$20.00 |
| | L8-20 | 480V AC | L8-20R L8-20P | 70820NP | | \$16.00 | 70820NC | | \$25.00 | 70820FR | | \$21.50 |
| | L9-20 | 600V AC | L9-20R L9-20P | 70920NP | | \$16.50 | 70920NC | | \$25.00 | 70920FR | | \$25.50 |




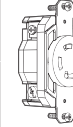

Wiring Devices – Locking Plugs / Connectors / Receptacles

| 30 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|---------|---|-------------------------|---|---------|-------------------------|---|---------|-------------------------|---|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 2-Pole 3-Wire | L5-30 | 125V |  | 70530NP |  | \$23.50 | 70530NC |  | \$44.00 | 70530FR |  | \$26.00 |
| | L6-30 | 250V |  | 70630NP | | \$23.50 | 70630NC | | \$47.00 | 70630FR | | \$28.00 |
| | L7-30 | 277V AC |  | 70730NP | | \$23.50 | 70730NC | | \$45.00 | 70730FR | | \$28.00 |
| | L8-30 | 480V AC |  | 70830NP | | \$24.50 | 70830NC | | \$46.00 | 70830FR | | \$29.00 |
| | L9-30 | 600V AC |  | 70930NP | | \$23.50 | 70930NC | | \$46.00 | 70930FR | | \$29.00 |

| 20 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|------------------|--|-------------------------|--|---------|-------------------------|--|---------|-------------------------|--|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 3-Pole 4-Wire | L14-20 | 125V/ 250V AC |  | 71420NP |  | \$23.00 | 71420NC |  | \$31.00 | 71420FR |  | \$26.00 |
| | L15-20 | 3ø 250V AC |  | 71520NP | | \$24.50 | 71520NC | | \$31.00 | 71520FR | | \$26.00 |
| | L16-20 | 3ø 480V AC |  | 71620NP | | \$24.50 | 71620NC | | \$31.50 | 71620FR | | \$26.00 |

| 30 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|------------------|---|-------------------------|---|---------|-------------------------|---|---------|-------------------------|---|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 3-Pole 4-Wire | L14-30 | 125V/ 250V AC |  | 71430NP |  | \$29.50 | 71430NC |  | \$62.00 | 71430FR |  | \$40.50 |
| | L15-30 | 3ø 250V AC |  | 71530NP | | \$29.50 | 71530NC | | \$62.00 | 71530FR | | \$41.00 |
| | L16-30 | 3ø 480V AC |  | 71630NP | | \$29.50 | 71630NC | | \$66.00 | 71630FR | | \$41.00 |
| | L17-30 | 3ø 600V AC |  | 71730NP | | \$31.00 | 71730NC | | \$66.00 | 71730FR | | \$40.50 |

| 20 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|---------------------|---|-------------------------|---|---------|-------------------------|---|---------|-------------------------|---|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 4-Pole 5-Wire | L21-20 | 3øY120V/ 208V AC |  | 72120NP |  | \$31.50 | 72120NC |  | \$57.00 | 72120FR |  | \$36.00 |
| | L22-20 | 3øY277V/ 480V AC |  | 72220NP | | \$32.00 | 72220NC | | \$58.00 | 72220FR | | \$36.50 |

| 30 Amp Locking Devices | | | | | | | | | | | | |
|------------------------|--------|----------------------|---|-------------------------|---|---------|-------------------------|---|---------|-------------------------|---|---------|
| Poles | NEMA # | Voltage | Configuration | Plug Part No. | Style | Price | Connector Part No. | Style | Price | Receptacle Part No. | Style | Price |
| 4-Pole 5-Wire | L21-30 | 3øY 120V/ 208V AC |  | 72130NP |  | \$39.00 | 72130NC |  | \$70.00 | 72130FR |  | \$50.00 |
| | L22-30 | 3øY 277V/ 480V AC |  | 72230NP | | \$39.50 | 72230NC | | \$74.00 | 72230FR | | \$51.00 |

Wiring Devices – Locking Plugs / Connectors / Receptacles Specifications and Drawings

| 15 Amp Locking Devices General Specifications | | | | | |
|---|-------------------------|--|---|-----------------------------|---|
| Part Type | Maximum Working Voltage | Operating/Storage Temperature | Terminal Accommodation | Cord Grip Range inches [mm] | Torque Specifications |
| Plug | 600VAC/250VDC | Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact. | Fork slot = 0.390 x 0.060 terminal screw #8 #18 - #8 AWG Flexible Cord [copper wire] | 0.300-0.655 [7.62-16.637] | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m] |
| Connector | | Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact. | Fork slot = 0.390 x 0.060 terminal screw #8 #18 - #8 AWG Flexible Cord [copper wire] | .300-0.655 [7.62-16.637] | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m] |
| Receptacle | | -40°F to 185°F [-40°C to 85°C] continuous without impact | Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire] | N/A | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m] |

| 20/30 Amp Locking Devices General Specifications | | | | | |
|--|-------------------------|--|---|-----------------------------|--|
| Part Type | Maximum Working Voltage | Operating/Storage Temperature | Terminal Accommodation | Cord Grip Range inches [mm] | Torque Specifications |
| Plug | 600VAC/250VDC | Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact. | Fork slot = 0.400 x 0.060 terminal screw #10 #18 - #8 AWG Flexible Cord [copper wire] | 0.300-0.950 [7.62-24.13] | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 10 lb-in [1.2 N-m] |
| Connector | | Maximum of 140°F [60°C] continuous, minimum of -40°F [-40°C] without impact. | Fork slot = 0.400 x 0.060 terminal screw #10 #18 - #8 AWG Flexible Cord [copper wire] | 0.300-0.950 [7.62-24.13] | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 10 lb-in [1.2 N-m] |
| Receptacle | | -40 to 185°F [-40 to 85°C] continuous without impact | Fork slot = 0.400 x 0.060 terminal screw #10 #14 - #8 AWG [solid or stranded copper wire] | N/A | Terminal screw 12-14 lb-in [1.4-1.6 N-m] Assembly screw 8 lb-in [0.9 N-m] |

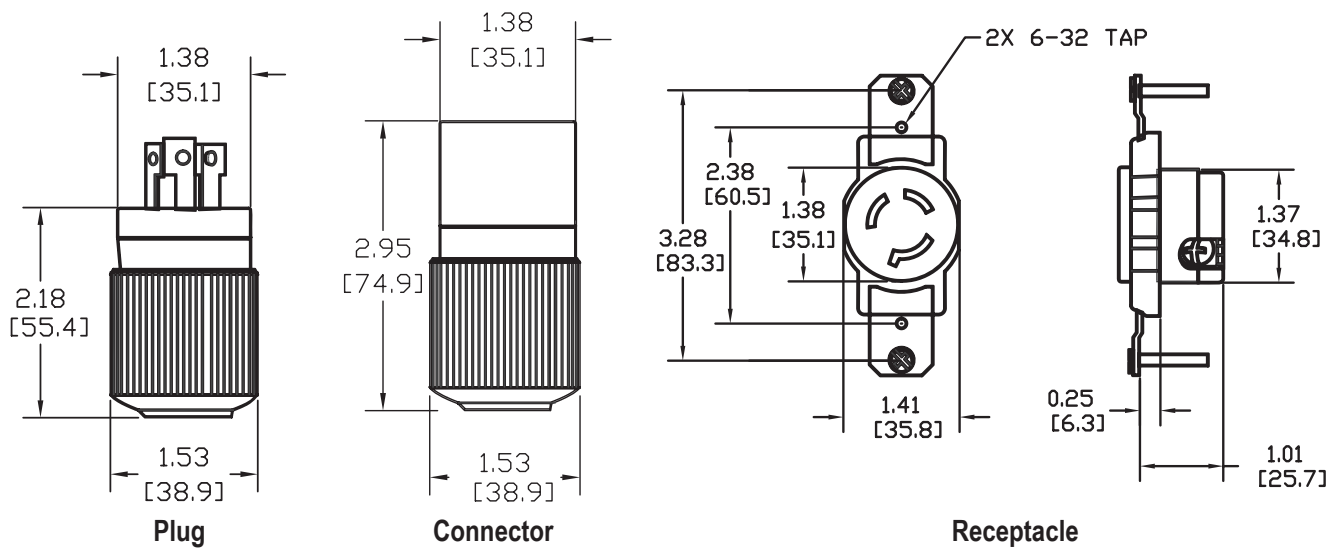
Note: 20/30 Amp locking plugs/connector terminal screws are tri-drive.

Wiring Devices – Locking Plugs / Connectors / Receptacles Drawings

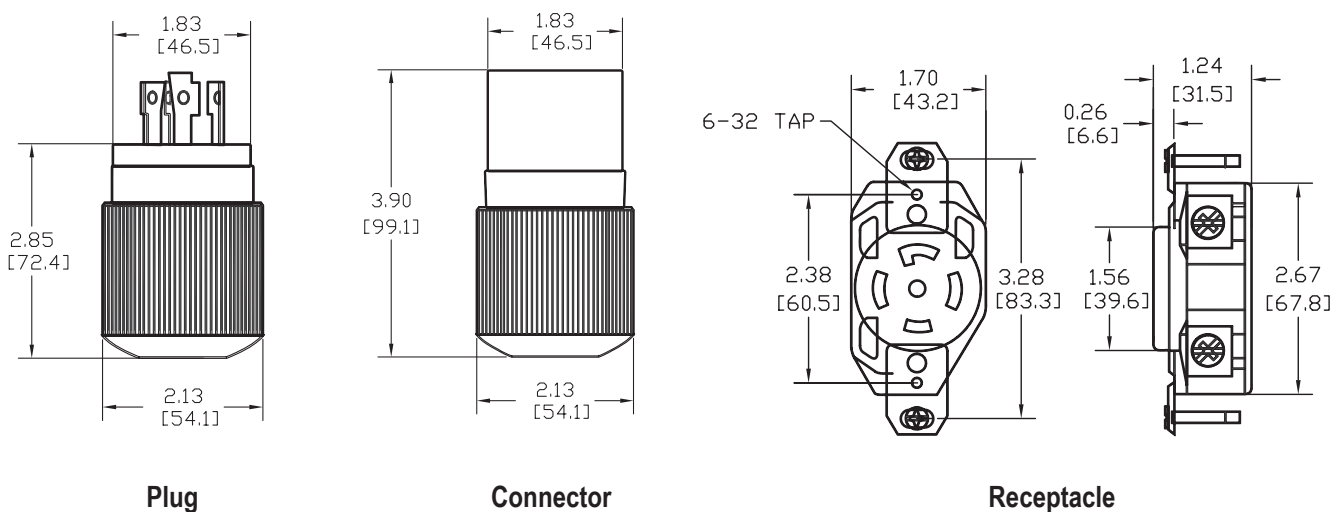
Dimensions

inches [mm]

15 Amp



20/30 Amp



Note: Dimensional drawings provided for reference only, not all items are shown.

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 [0.24 Nm]* | 3.0 lb-in [0.34 Nm]* | 15.0 lb-in [1.7 Nm] | 12.0 lb-in [1.36Nm] | 0.3 to 1.9 lb-in [.034 to 0.21 Nm] | 0.25 to 0.4 lb-in [0.03 to 0.05 Nm] | |
| Hardness Rockwell | 59M* 108R* | - 119R | 70M 118R | - 115R | 105-120M - | 110-120M - | |
| 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 [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 | | | |
|---------------------------------------|-----------------------|---------------------------|-----------------------|
| <i>NEMA Configuration</i> | <i>AC HP Rating**</i> | <i>Nema Configuration</i> | <i>AC HP Rating**</i> |
| 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 | | |

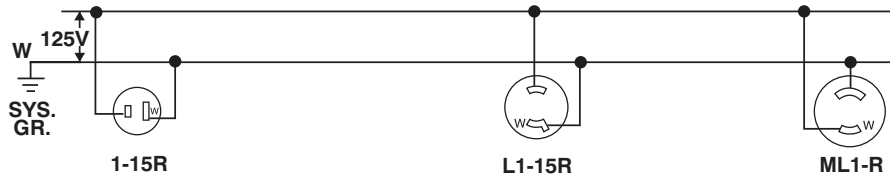
**The phase-to-phase horsepower ratings are noted by "L-L". The phase-to-neutral ratings are identified by "L-N"

Wiring Devices – NEMA Wiring Diagrams

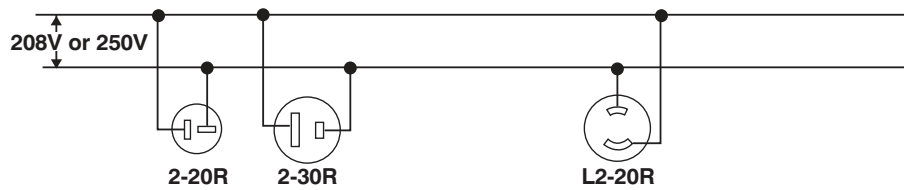
Reference material only. Please see Wiring Section in the catalog for product part number.

2-Pole 2-Wire

125V

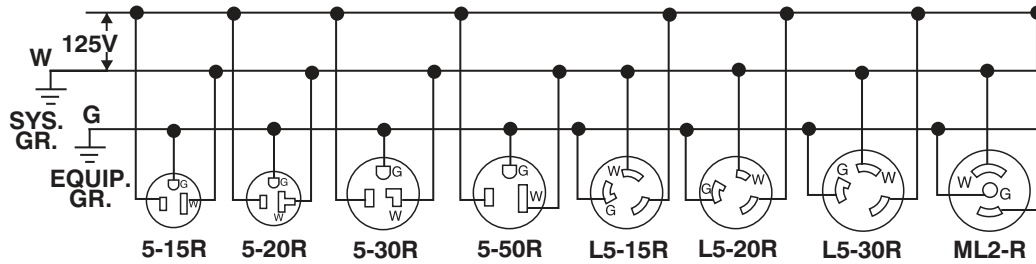


208V or 250V

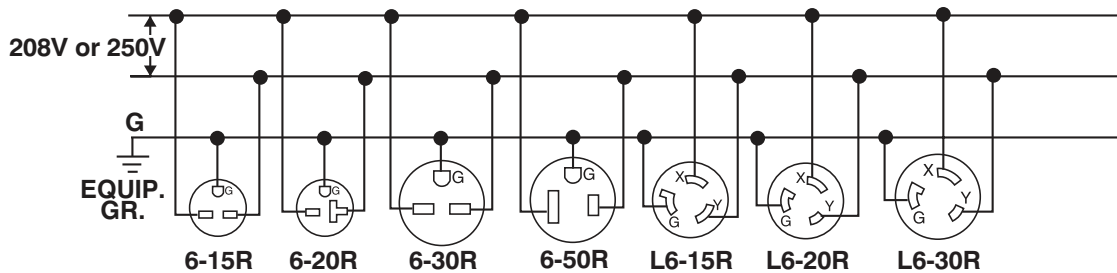


2-Pole 3-Wire Grounding

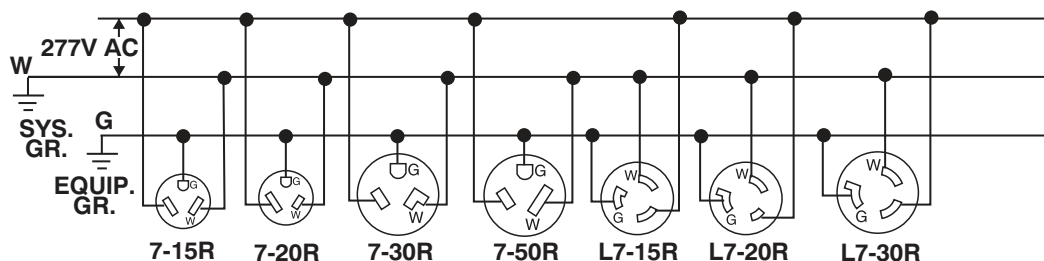
125V



208V or 250V

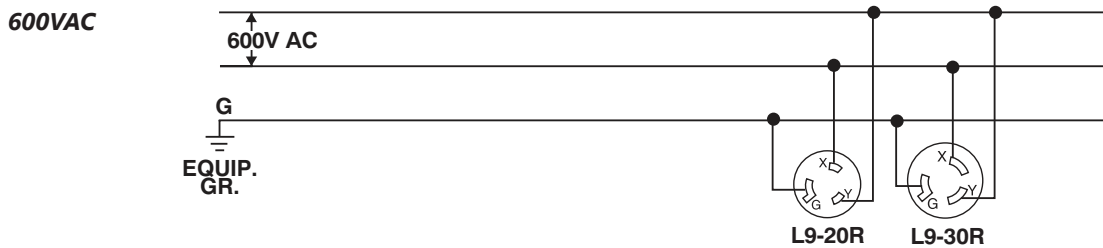
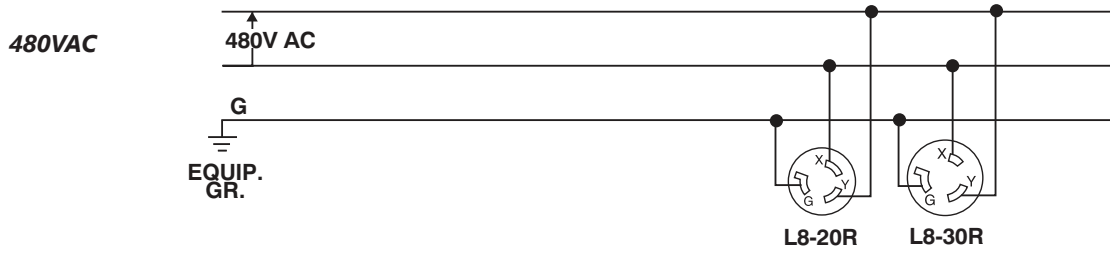


277 VAC

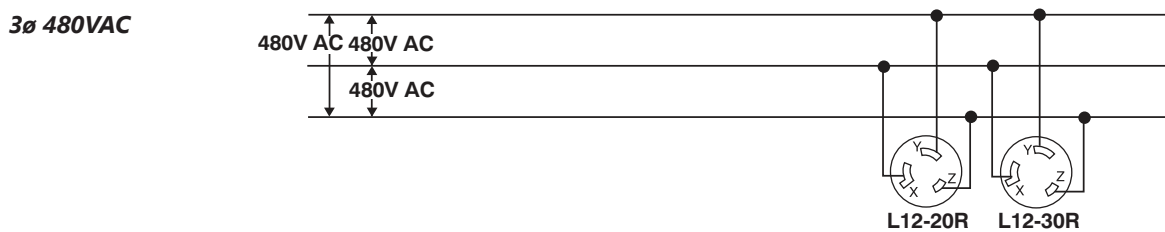
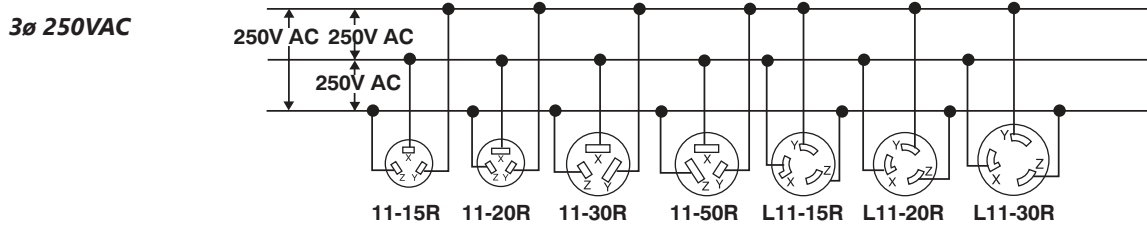
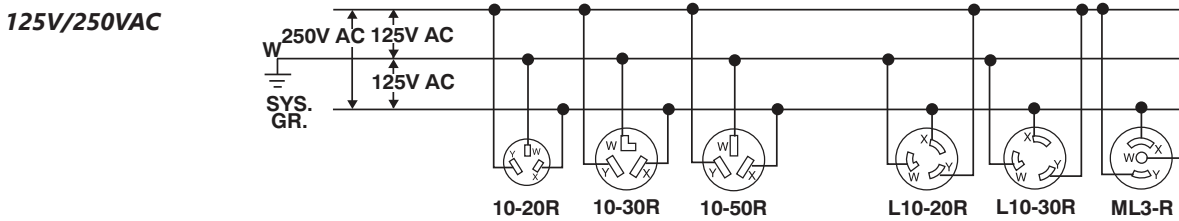


Wiring Devices – NEMA Wiring Diagrams

2-Pole 3-Wire Grounding

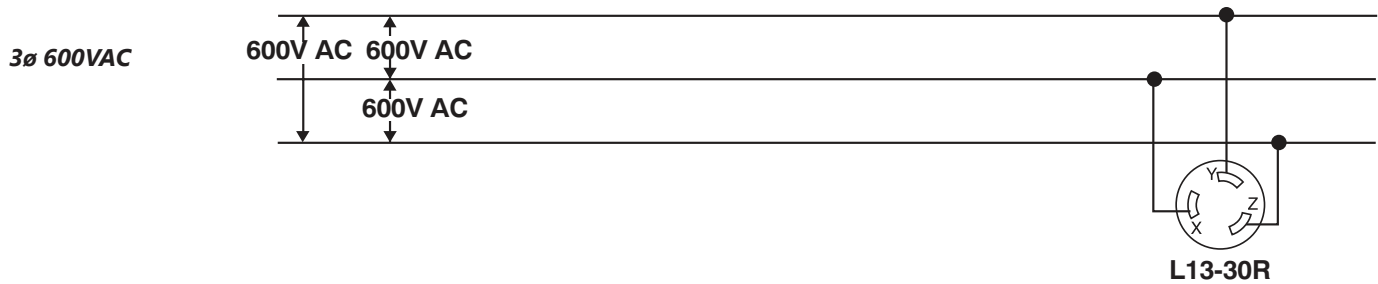


3-Pole 3-Wire

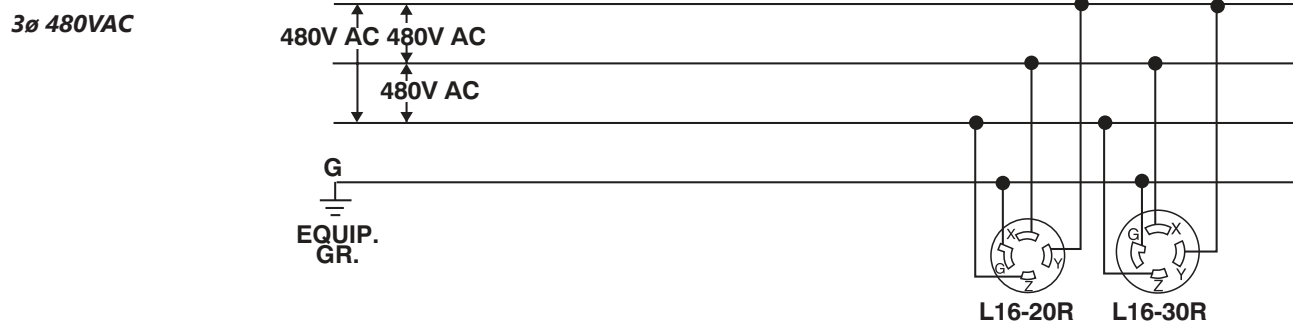
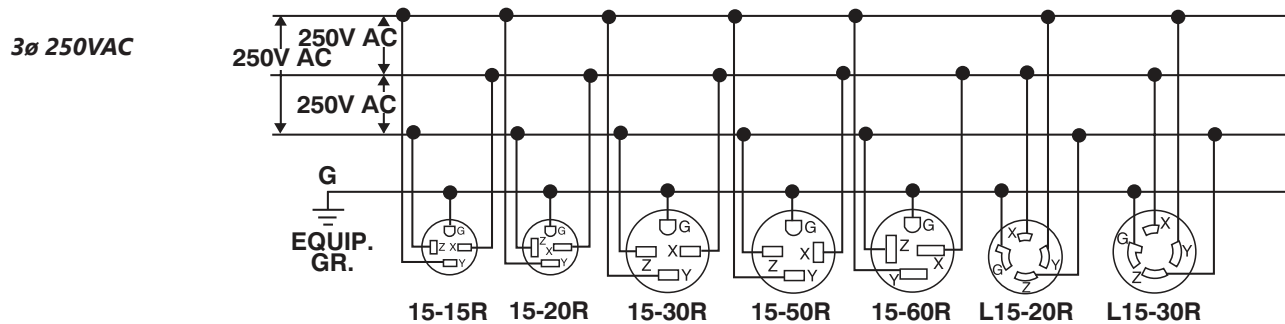
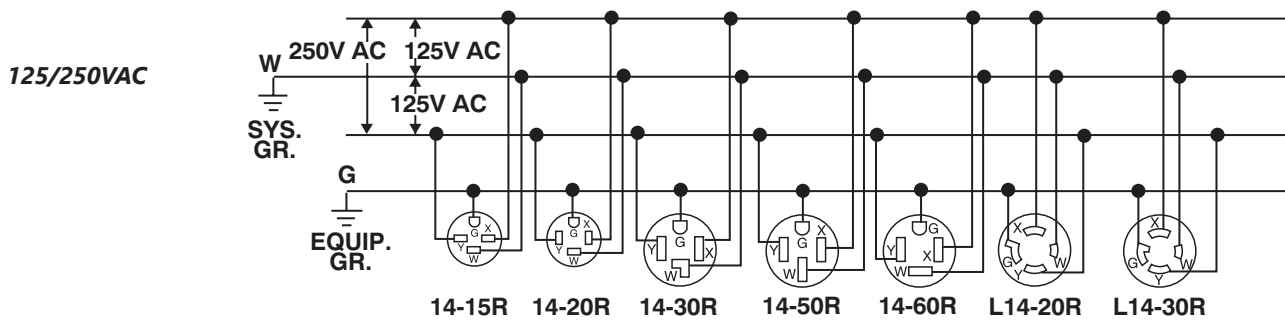


Wiring Devices – NEMA Wiring Diagrams

3-Pole 3-Wire Continued

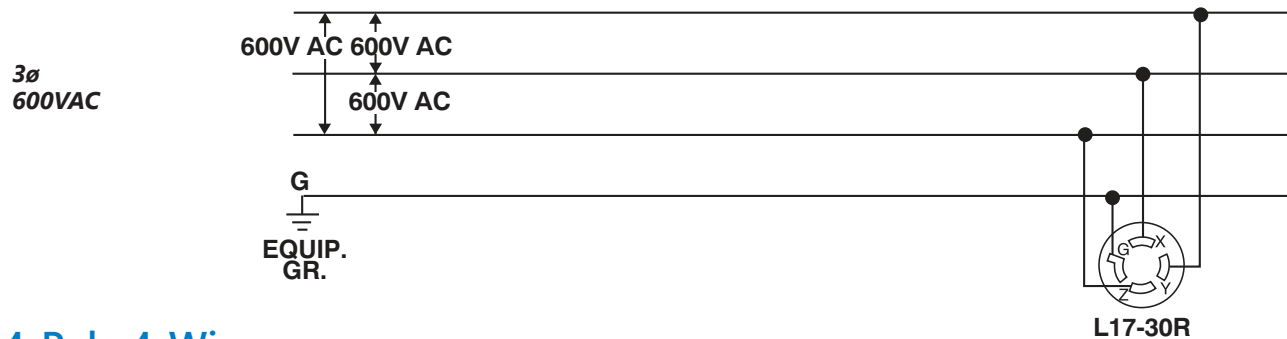


3-Pole 4-Wire Grounding

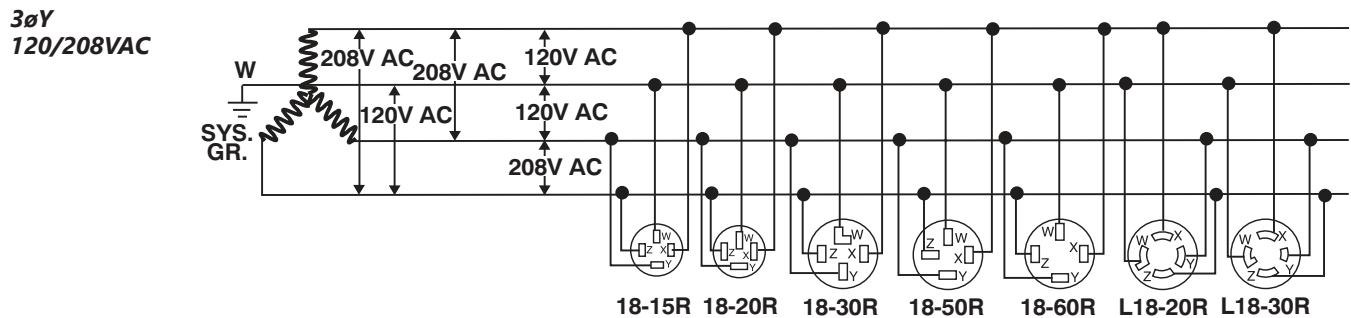


Wiring Devices – NEMA Wiring Diagrams

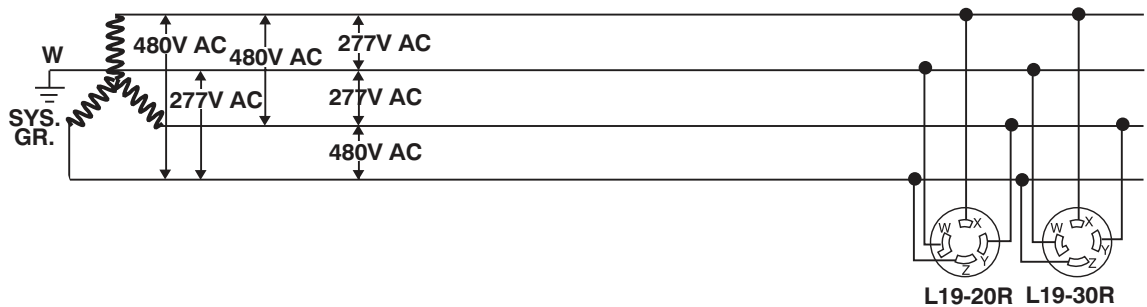
3-Pole 4-Wire Grounding Continued



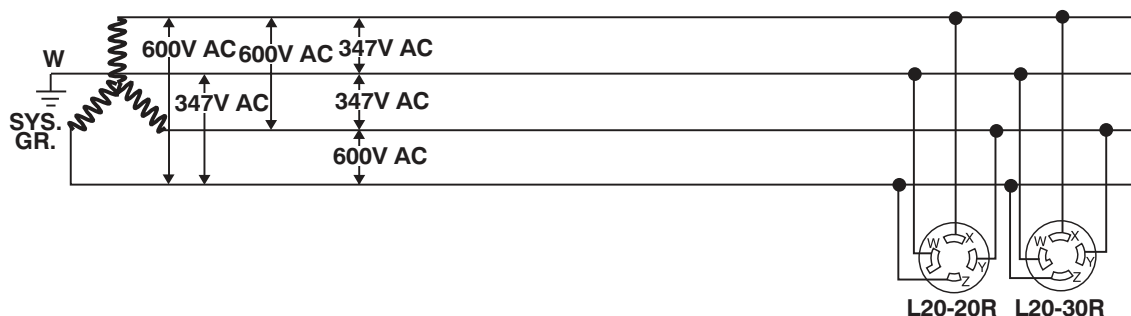
4-Pole 4-Wire



3 ϕ Y
277/480VAC



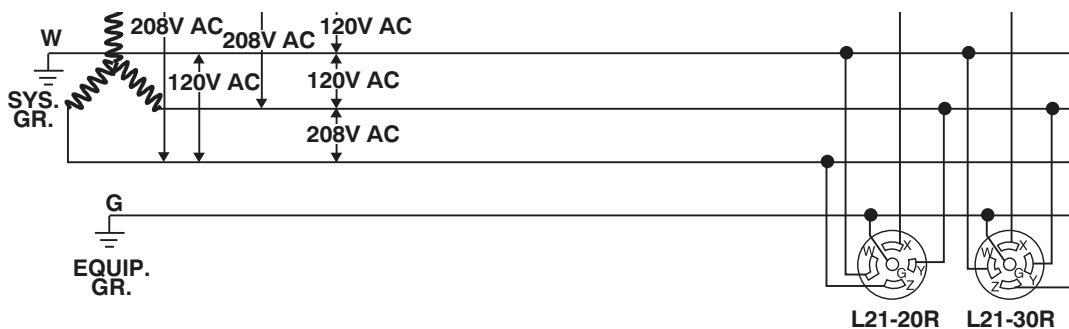
3 ϕ Y
347/600VAC



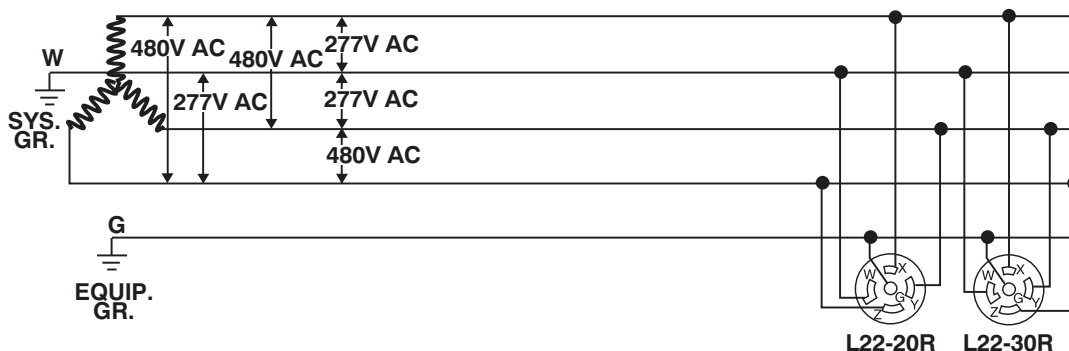
Wiring Devices – NEMA Wiring Diagrams

4-Pole 5-Wire Grounding

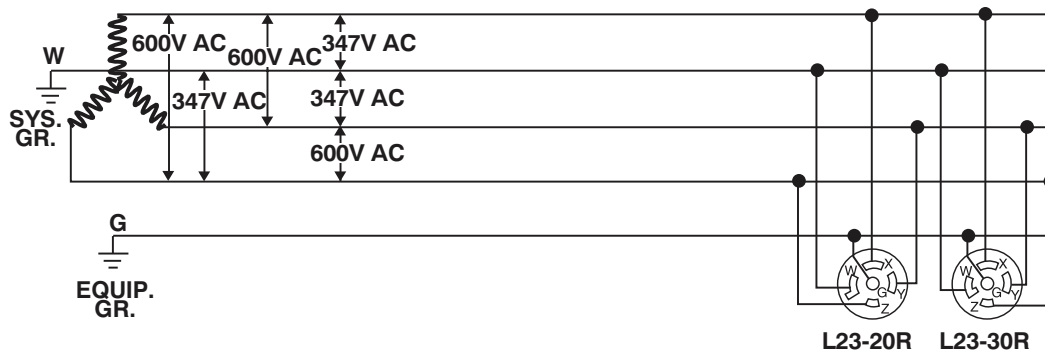
3 ϕ Y
120/208VAC



3 ϕ Y
277/480VAC



3 ϕ 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

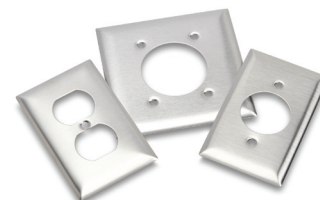
- UL File E31999*
- CSA Certified 18416*



*Approvals for stainless steel receptacle plates only.

| Wiring Devices Accessories | | |
|----------------------------|--|---------|
| Part Number | Description | Price |
| Receptacle Plates | | |
| SS8 | Duplex receptacle plate, stainless steel, 15A and 20A straight blade, single-gang box | \$2.75 |
| SS7 | Single receptacle plate, stainless steel, 15A and 20A straight blade, 15A locking, single-gang box | \$3.25 |
| SS723 | Single receptacle plate, stainless steel, 30A straight blade, single-gang box | \$6.00 |
| SS703 | Single receptacle plate, stainless steel, 30A straight blade, two-gang box | \$9.50 |
| SS720 | Single receptacle plate, stainless steel, 20A and 30A locking, single-gang box | \$4.75 |
| Angle Adapter* | | |
| 70204ANA | Angle adapter for 20A and 30A locking plugs and connectors | \$25.50 |
| Weather Boots* | | |
| 5200BP | Weather boot for 15A locking, 15A straight, and 20A straight blade plugs. YELLOW thermoplastic elastomer | \$16.50 |
| 5200BC | Weather boot for 15A locking, 15A straight, and 20A straight blade connector. YELLOW thermoplastic elastomer | \$19.00 |
| 5200BSR | Connector boot sealing ring for 5200BC boot. YELLOW thermoplastic elastomer | \$23.50 |
| 5200BPB | Weather boot for 15A locking, 15A straight, and 20A straight blade plugs. BLACK thermoplastic elastomer | \$16.50 |
| 5200BCB | Weather boot for 15A locking, 15A straight, and 20A straight blade connector. BLACK thermoplastic elastomer | \$19.50 |
| 5200BSRB | Connector boot sealing ring for 5200BC boot. BLACK thermoplastic elastomer | \$23.50 |
| 72002BC | Weather boot for 20A and 30A locking connector. YELLOW neoprene | \$27.00 |
| 72002BP | Weather boot for 20A and 30A locking plug. YELLOW neoprene | \$21.00 |
| 72002BPB | Weather boot for 20A and 30A locking plugs. BLACK thermoplastic elastomer | \$21.00 |
| 72002BCB | Weather boot for 20A and 30A locking connectors. BLACK thermoplastic elastomer | \$22.00 |

*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.



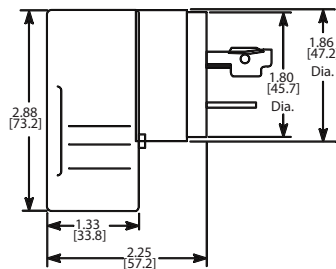
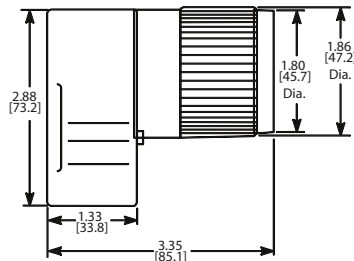
Angle Adapter 70204ANA



Dimensions

inches [mm]

Angle Adapter



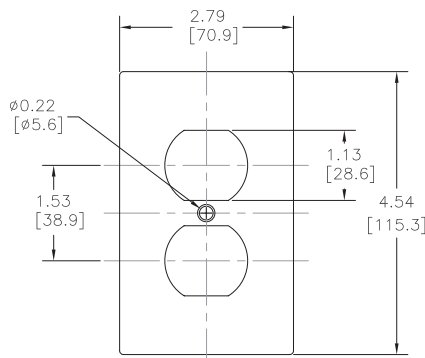
Angle Adapter

Wiring Devices – Accessories Drawings

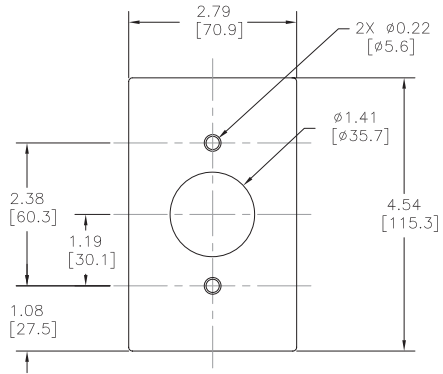
Dimensions

inches [mm]

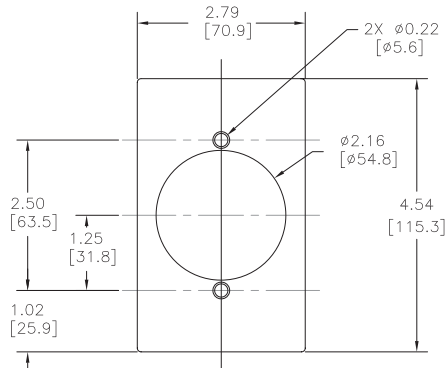
Stainless Steel Cover Plates



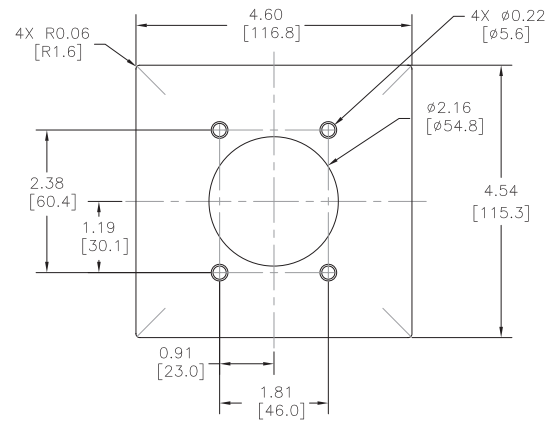
SS8



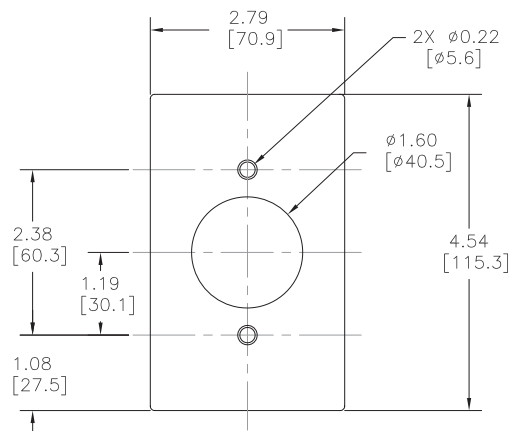
SS7



SS723



SS703



SS720