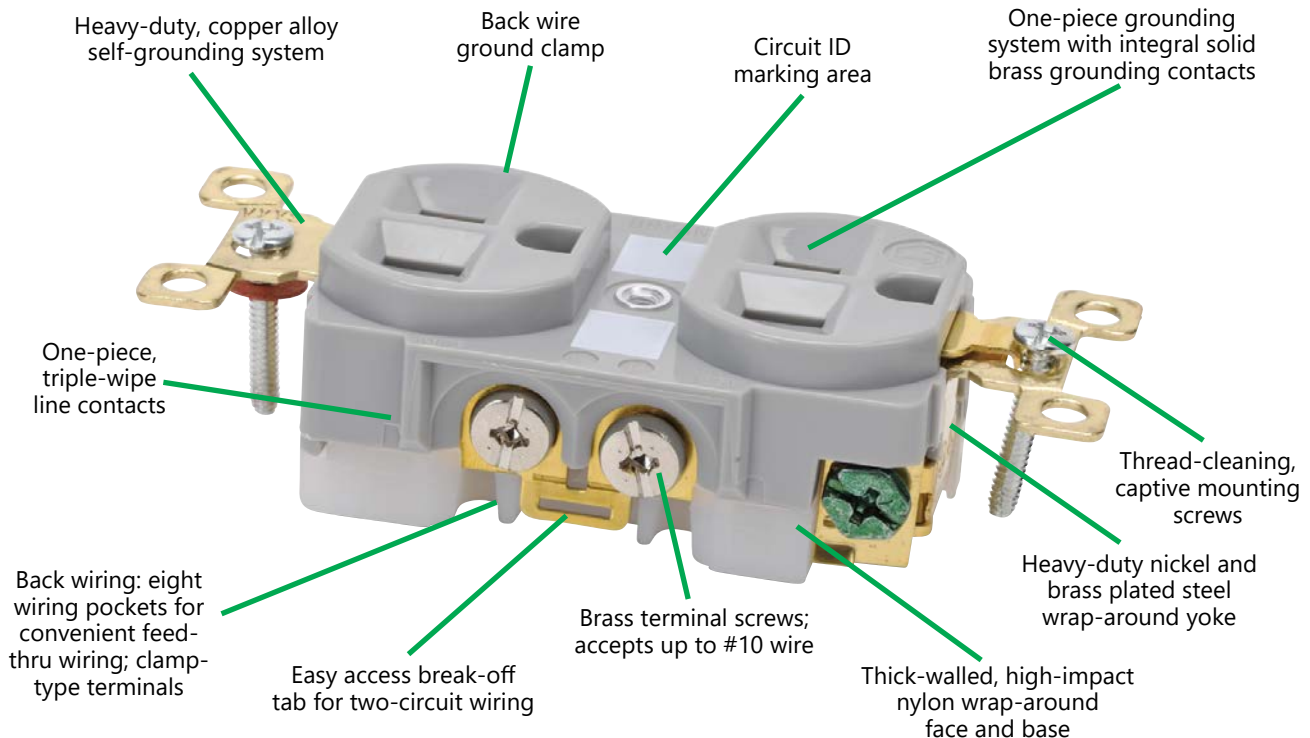


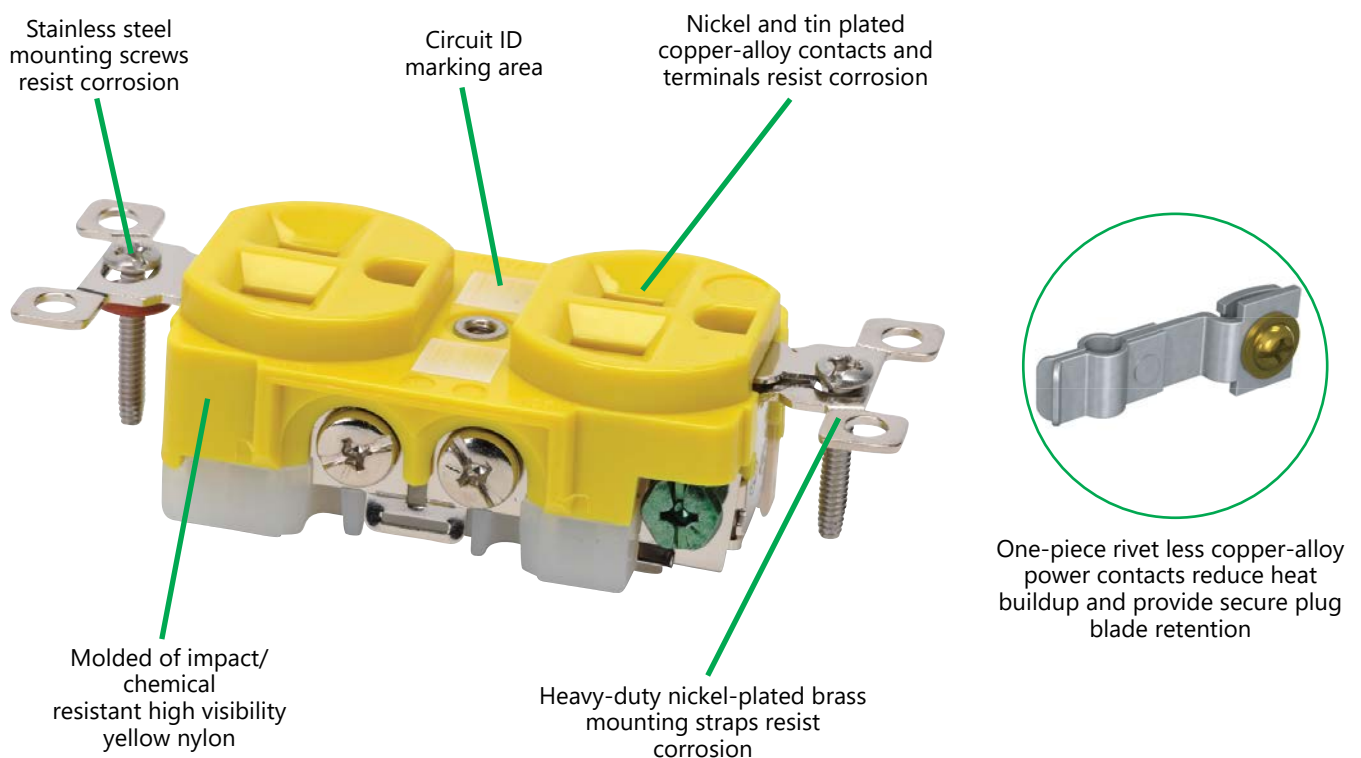
BRYANT®
TECH·SPEC®

Duplex Receptacles – Product Features

Extra Heavy Duty Industrial Grade Duplex Receptacles



Corrosion-Resistant Duplex Receptacles





Industrial Grade Duplex Straight Blade Receptacles

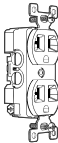
**BRY5262CR****BRY5262GRY****BRY5262****BRY5362**

Features

- One-piece grounding system, including integral self-grounding strap
- Full-face, wraparound design is molded of high-impact, chemical-resistant nylon
- Extended barrier [shroud] on sides of cover surround wire terminals for added insulation and isolation of conductors
- Heavy-duty wraparound steel yoke locked in for maximum strength and security
- Double-plated yoke [nickel & brass] to resist corrosion
- Back wiring: eight wiring pockets for convenient feed thru wiring, clamp-type terminals accept up to #10 wire
- Terminal screws: brass combination Phillips/slotted/ Robertson binding head accepts up to #10 wire
- Approved for CU wire only
- Large green, combination Phillips/slotted/ Robertson hex head grounding screw
- Back wire ground clamp for quick and convenient wiring
- Center splined bushing interlocks with receptacle body to prevent rotation when fastening wall plates
- Easily accessible break-off tab for two-circuit wiring
- ID surface on cover for marking clear identification of circuits
- One-piece triple-wipe brass line contacts
- Double-wipe brass grounding contacts
- Strip gauge for accurate wiring

Agency Approvals/ Standards

- UL File E2258 Guide #RTRT
- CSA Certified File LR16215 Guide #365E1
- Complies with NEMA standards WD-1, WD-6, AND UL498
- Verified under Fed. Spec. #WC596 [where applicable]
- CE

Duplex Straight Blade Receptacles								
Poles	Amperage	NEMA #	Voltage	Configuration	Part Number	Color	Style	Price
2 Pole 3 Wire	15A	5-15	125V AC/ DC	 5-15R	<u>BRY5262GRY</u>	Gray		\$16.50
					<u>BRY5262CR*</u>	Yellow		\$29.00
					<u>BRY5262</u>	Brown		\$18.50
		6-15	250V AC/ DC	 6-15R	<u>BRY5662</u>		\$24.00	
	20A				5-20	125V AC/ DC	 5-20R	<u>BRY5362GRY</u>
		<u>BRY5362CR*</u>	Yellow	\$37.00				
		<u>BRY5362</u>	Brown	\$23.00				
		6-20		250V AC/ DC	 6-20R	<u>BRY5462</u>	\$28.00	

*Corrosion-resistant, nylon construction, self-grounding, back- and side-wired

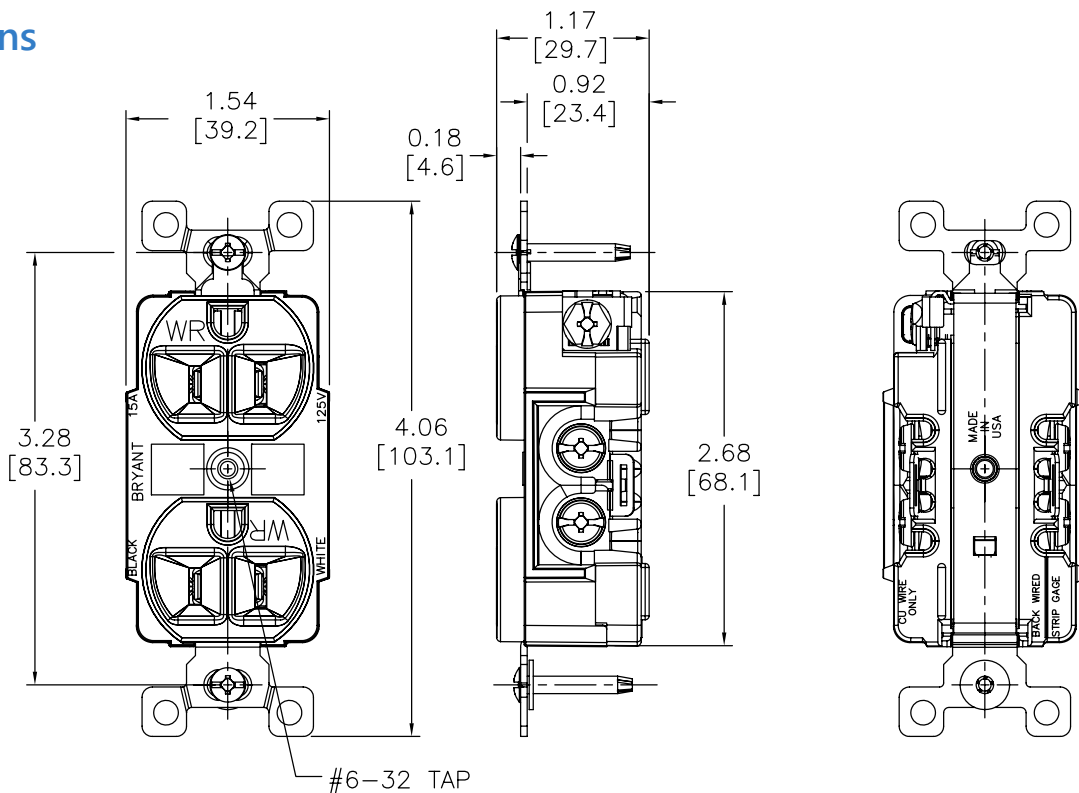


Industrial Grade Duplex Straight Blade Receptacles Specifications and Drawings

Duplex Straight Blade Receptacles Specifications				
Duplex Receptacle Part Numbers	BRY5262GRY	BRY5662	BRY5362GRY	BRY5462
	BRY5262		BRY5362	
	BRY5262CR		BRY5362CR	
Amperage	15A		20A	
Maximum working voltage	125V AC/DC	250V AC/DC	125V AC/DC	250V AC/DC
Operating temperature	Maximum continuous 60°C, Minimum -40°C [without impact]			
Temperature rise	Less than 30°C temperature rise at full rated current after 50 cycles overload at 150% rated current for either AC or DC applications per UL498			
Terminal accommodation	#14-#10 AWG Copper conductor only			
Terminal screw	Fork slot = 0.400 x 0.060 Terminal screw #10			
Torque specifications	Terminal screw 14 lb-in [1.6 N-m]			
Dielectric voltage	Withstands 2000V per UL498			

Dimensions

Inches [mm]





Watertight Wiring Devices - Weather Protective Accessories

**BRY3099**

Portable Outlet Boxes Features

- Non-conductive, impact resistant thermoplastic elastomer boxes reduce the exposure to potential hazards
- Automatic centering strain relief cord clamps
- NEMA Type 1, IP44
- Cord range 0.38" to 0.50" [9.7 mm to 12.7 mm]
- For use with 15A or 20A duplex receptacles [not included]
- Flip seals protect against wet environments and moisture when closed

Weather Protective Accessories		
Part Number	Description	Price
<u>BRY3099</u>	Bryant dead end portable outlet box, (1) 3/4in female NPT conduit entries, accepts cord size 0.38 - 0.5in, NEMA 1, PBT thermoplastic elastomer housing, yellow.	\$64.00
<u>BRY3056</u>	Bryant cover plate, UL Type 3R, lift cover, gray. For use with 15A and 20A duplex receptacles in portable outlet box BRY3099.	\$28.00
<u>BRY3054</u>	Bryant cover plate, UL Type 3R, gray. For use with portable outlet box BRY3099.	\$5.25

**BRY3056****BRY3054**

Materials	
Box enclosure	Thermoplastic elastomer, yellow
Strain relief nut	PBT
Grommet	Thermoplastic elastomer
Gotcha ring	Nylon
Locknut	Steel, zinc plate
Threaded inserts	Brass
Receptacle screw	Stainless steel
Cover plate	PBT
Cover plate seal	Neoprene
Cover plate spring	Stainless steel
Hinge pin	Stainless steel
Hinge bracket	Zinc plated steel
Rivets	Zinc plated steel

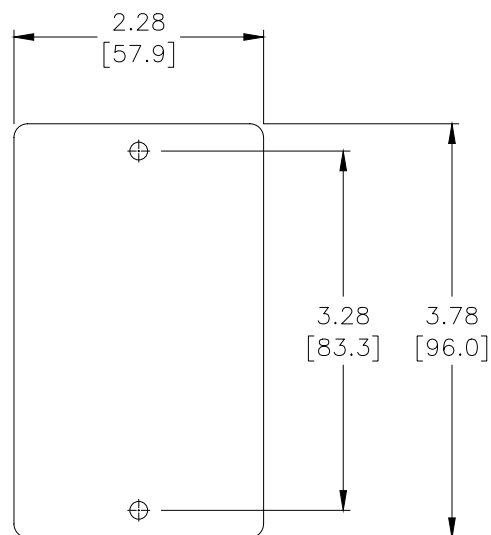
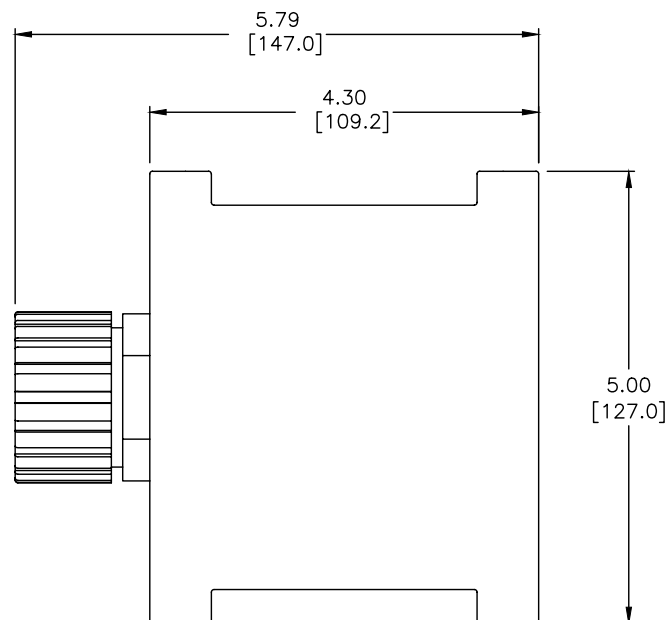
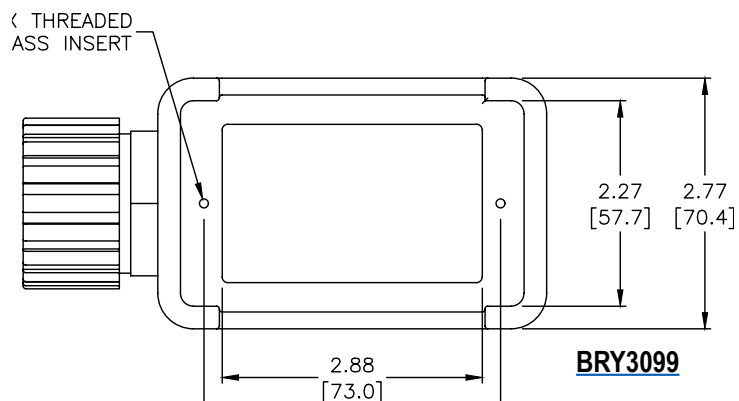
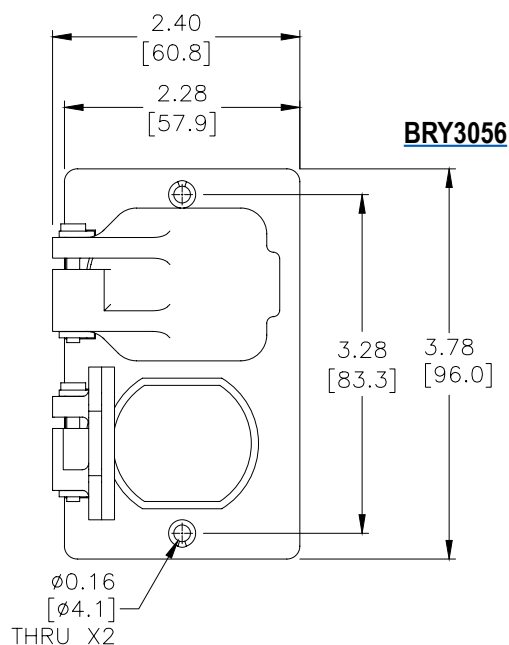
UL Cross Reference		
Part Number	UL Part Number	UL File Number
<u>BRY3099</u>	HBL3099	E92074
<u>BRY3056</u>	HBL3056	E92074
<u>BRY3054</u>	HBL3054	E92074

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Watertight Wiring Devices - Weather Protective Accessories

Dimensions

Inches [mm]

**BRY3054****BRY3099****BRY3056**

Wiring Devices - NEMA Configuration Chart

Locking Style NEMA Configurations						
	Voltage	NEMA #	15 Ampere	20 Ampere	30 Ampere	
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug	
2-Pole 3-Wire Grounding	125V	L5	  L5-15R L5-15P	  L5-20R L5-20P	  L5-30R L5-30P	
	250V	L6	  L6-15R L6-15P	  L6-20R L6-20P	  L6-30R L6-30P	
	277V	L7	  L7-15R L7-15P	  L7-20R L7-20P	  L7-30R L7-30P	
	480V	L8		  L8-20R L8-20P	  L8-30R L8-30P	
	600V	L9		  L9-20R L9-20P	  L9-30R L9-30P	
3-Pole 4-Wire Grounding	125/250V	L14		  L14-20R L14-20P	  L14-30R L14-30P	
	3ø 250V	L15		  L15-20R L15-20P	  L15-30R L15-30P	
	3ø 480V	L16		  L16-20R L16-20P	  L16-30R L16-30P	
	3ø 600V	L17			  L17-30R L17-30P	
4-Pole 5-Wire Grounding	3øY 120/208V	L21		  L21-20R L21-20P	  L21-30R L21-30P	
	3øY 277/480V	L22		  L22-20R L22-20P	  L22-30R L22-30P	

Straight-Blade Style NEMA Configurations						
	Voltage	NEMA #	15 Ampere	20 Ampere	30 Ampere	
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug	
2-Pole 3-Wire Grounding	125V	5	  5-15R 5-15P	  5-20R 5-20P	  5-30R 5-30P	
	250V	6	  6-15R 6-15P	  6-20R 6-20P	  6-30R 6-30P	

Note: Please see Appendix for

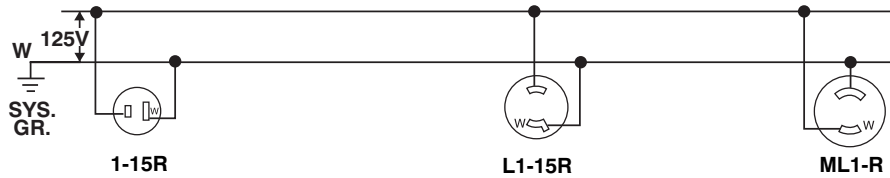
- 1.] Mechanical and electrical properties of material data
- 2.] Chemical resistance of material
- 3.] Table III Hp rating chart

Wiring Devices – NEMA Wiring Diagrams

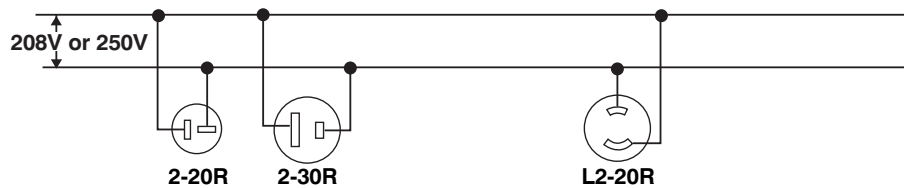
Reference material only. Please see Wiring Section in the catalog for product part number.

2-Pole 2-Wire

125V

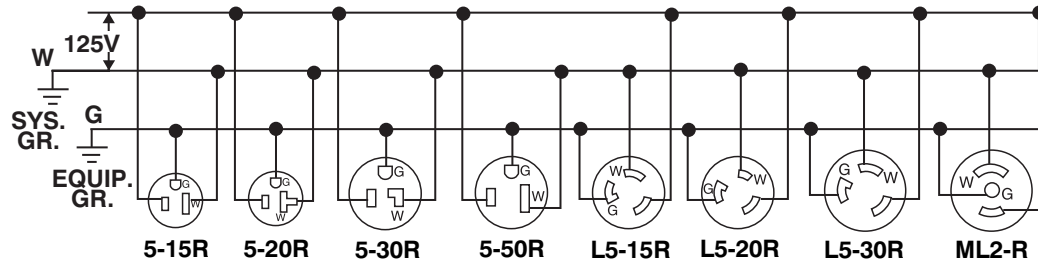


208V or 250V

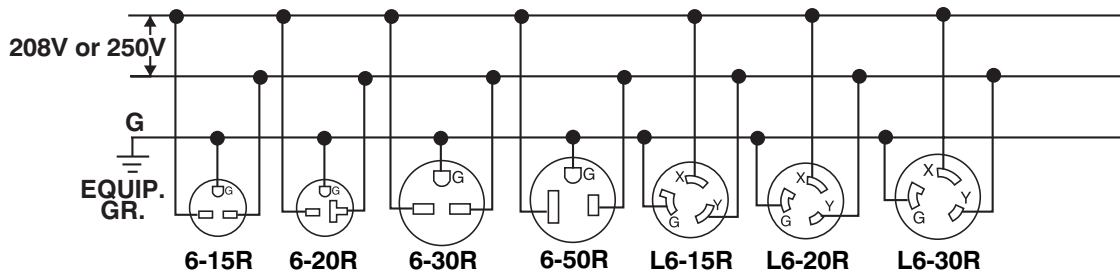


2-Pole 3-Wire Grounding

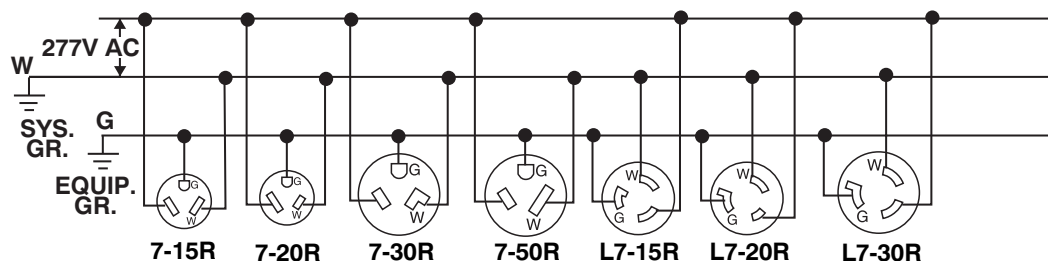
125V



208V or 250V

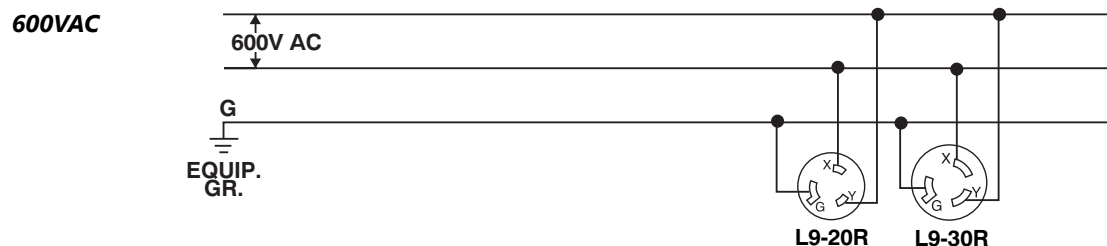
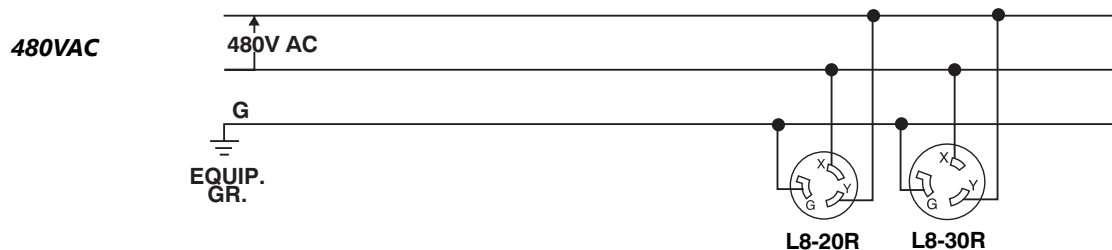


277 VAC

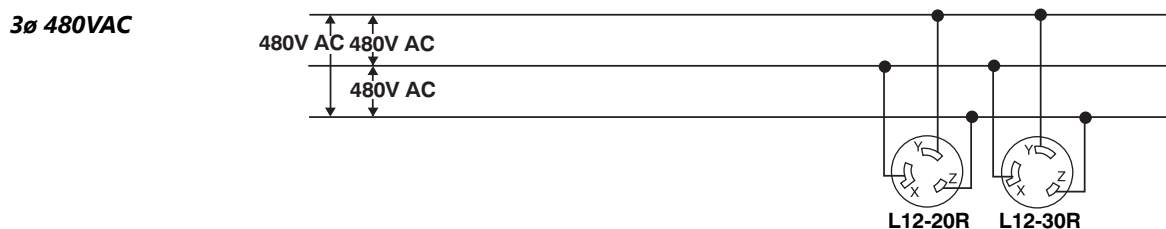
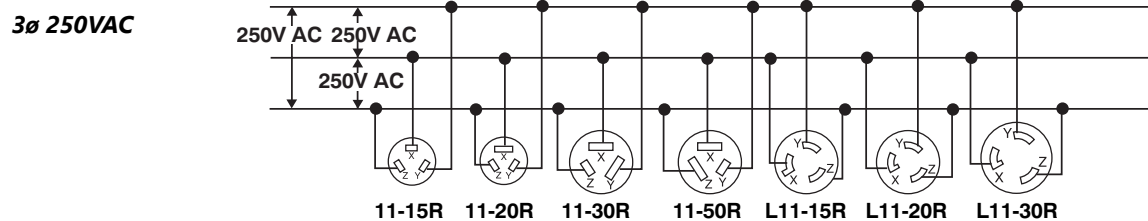
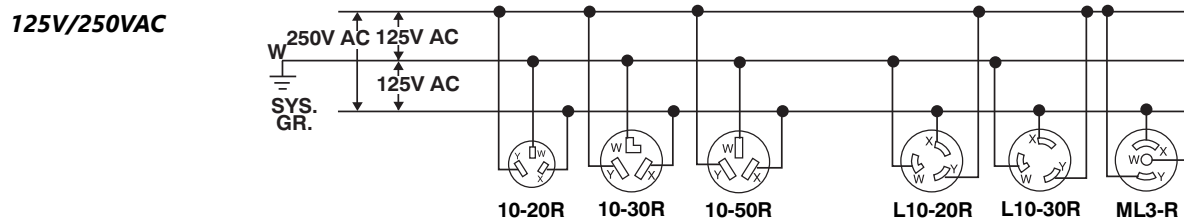


Wiring Devices – NEMA Wiring Diagrams

2-Pole 3-Wire Grounding

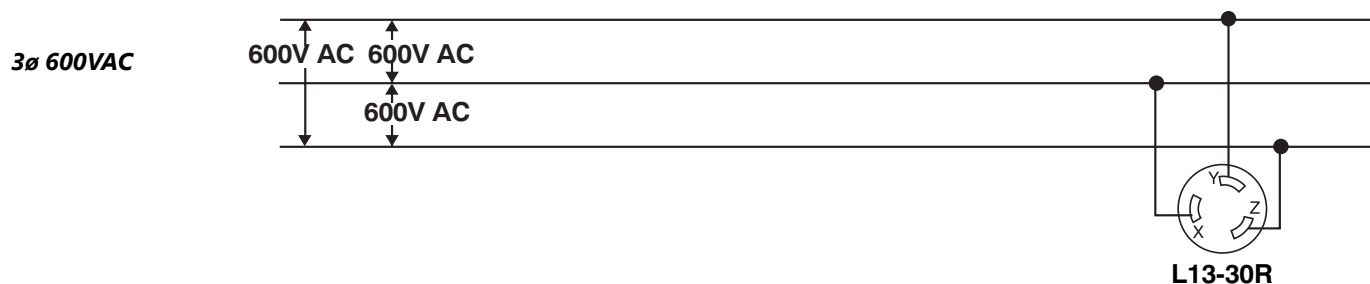


3-Pole 3-Wire

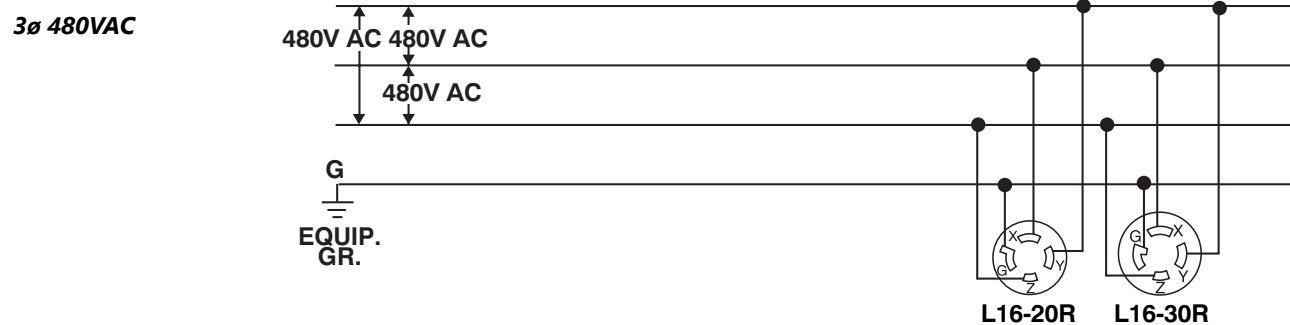
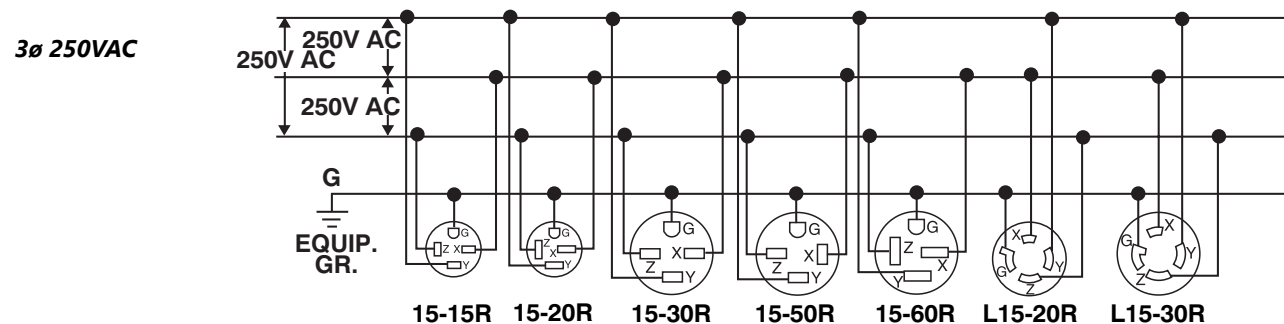
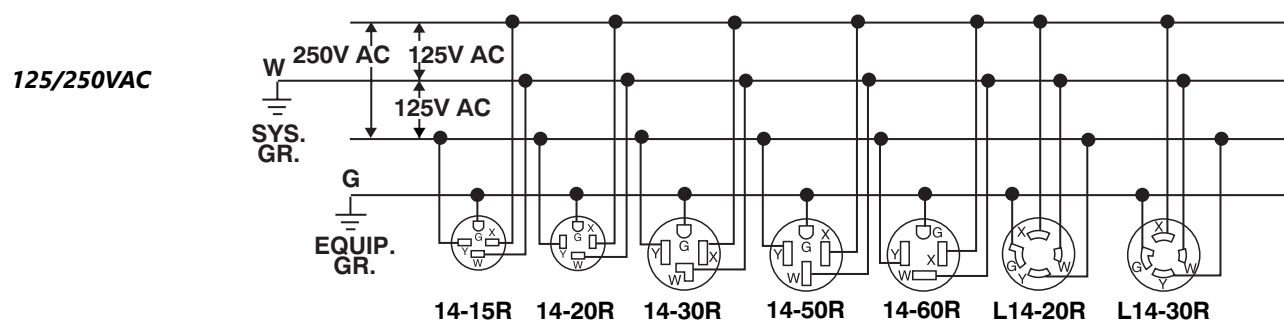


Wiring Devices – NEMA Wiring Diagrams

3-Pole 3-Wire Continued

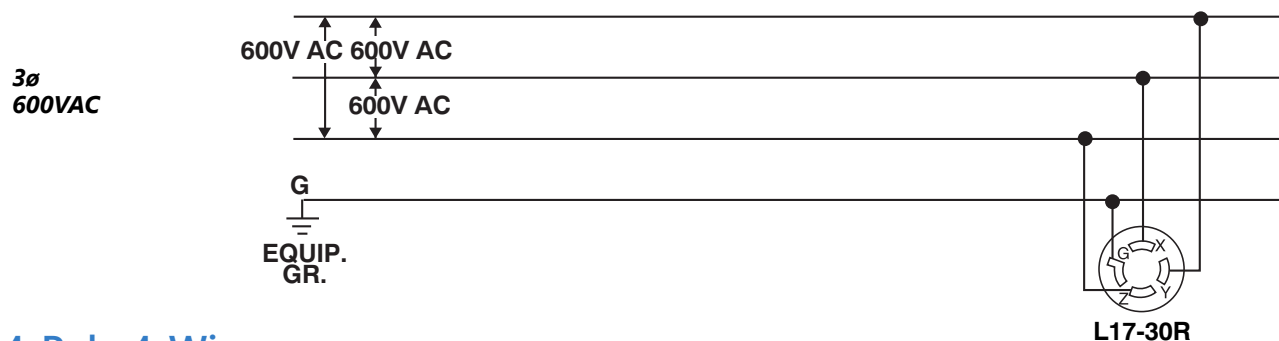


3-Pole 4-Wire Grounding

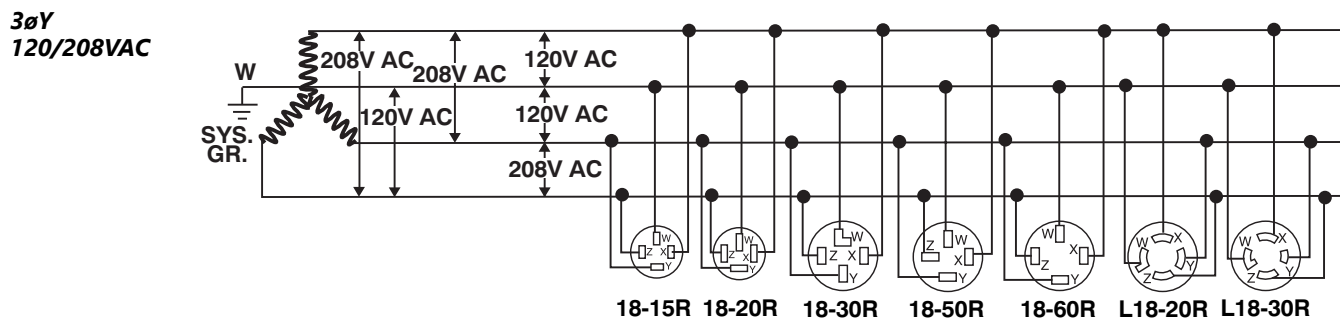


Wiring Devices – NEMA Wiring Diagrams

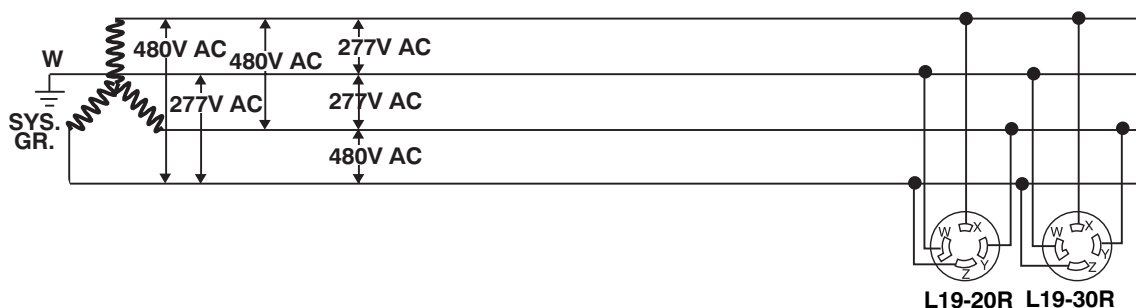
3-Pole 4-Wire Grounding Continued



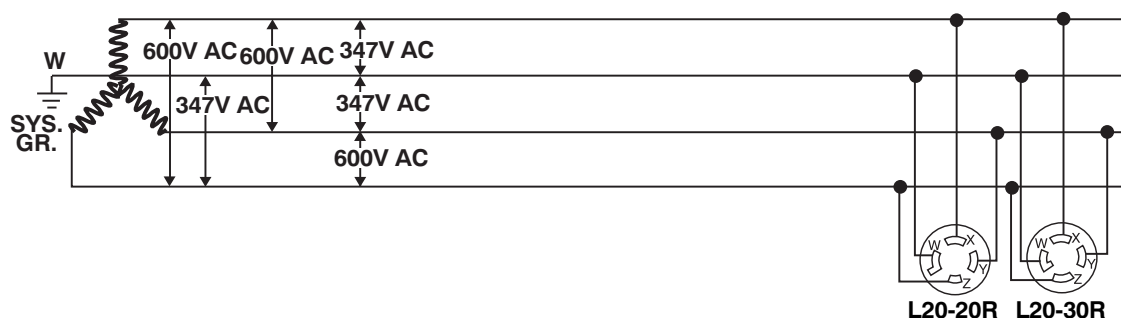
4-Pole 4-Wire



3 ϕ Y
277/480VAC



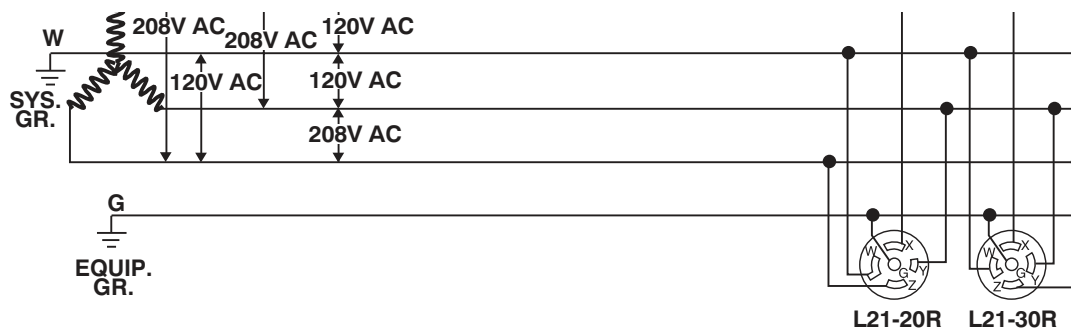
3 ϕ Y
347/600VAC



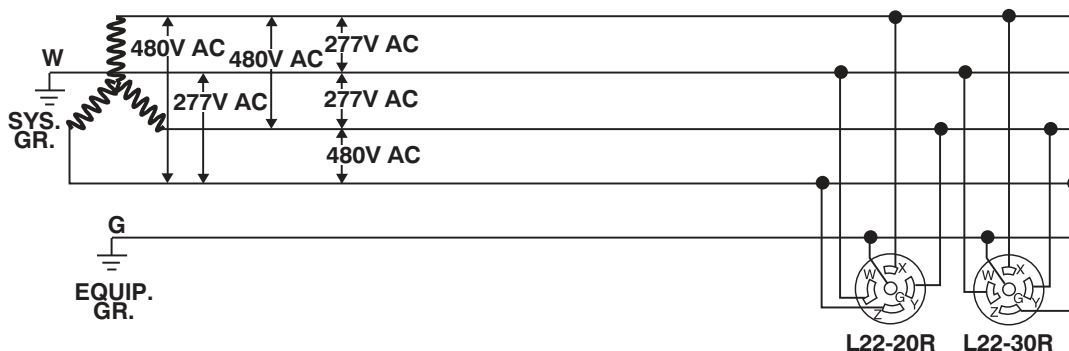
Wiring Devices – NEMA Wiring Diagrams

4-Pole 5-Wire Grounding

3 ϕ Y
120/208VAC



3 ϕ Y
277/480VAC



3 ϕ Y
347/600VAC

