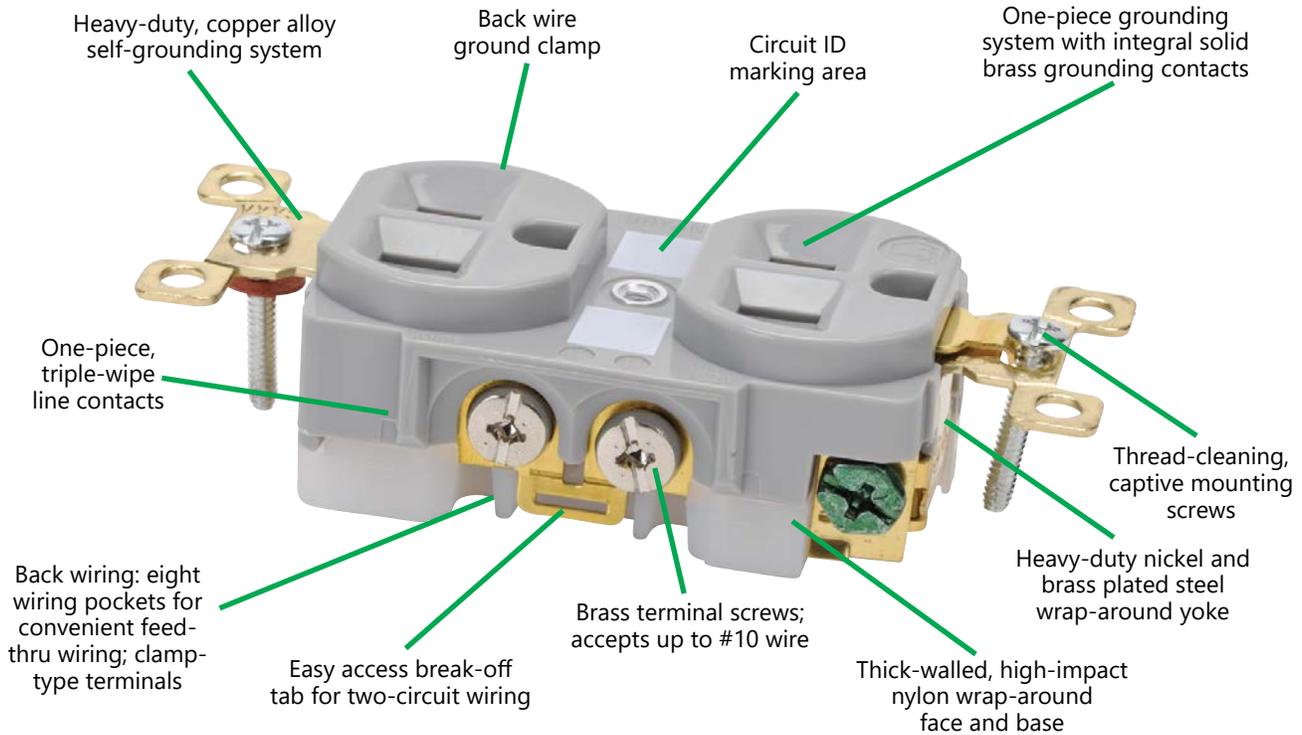


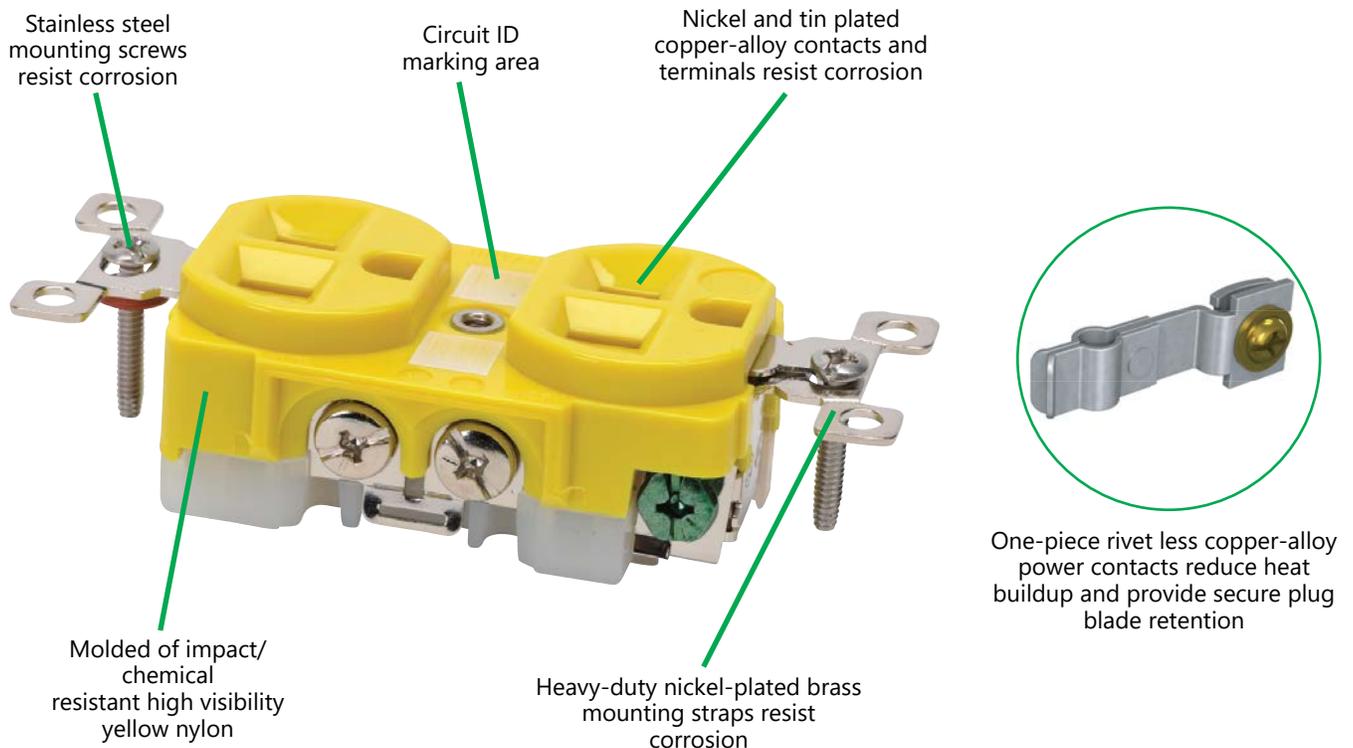


# Duplex Receptacles – Product Features

## Extra Heavy Duty Industrial Grade Duplex Receptacles



## Corrosion-Resistant Duplex Receptacles





# Industrial Grade Duplex Straight Blade Receptacles

## 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



**BRY5262CR**



**BRY5262GRY**



**BRY5262**



**BRY5362**

## 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	<b><u>BRY5262GRY</u></b>	Gray		\$16.50
					<b><u>BRY5262CR*</u></b>	Yellow		\$29.00
		6-15	250V AC/ DC	 6-15R	<b><u>BRY5262</u></b>	Brown		\$18.50
					<b><u>BRY5662</u></b>			\$24.00
	20A	5-20	125V AC/ DC	 5-20R	<b><u>BRY5362GRY</u></b>	Gray		\$20.00
					<b><u>BRY5362CR*</u></b>	Yellow		\$37.00
		6-20	250V AC/ DC	 6-20R	<b><u>BRY5362</u></b>	Brown		\$23.00
					<b><u>BRY5462</u></b>			\$28.00

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

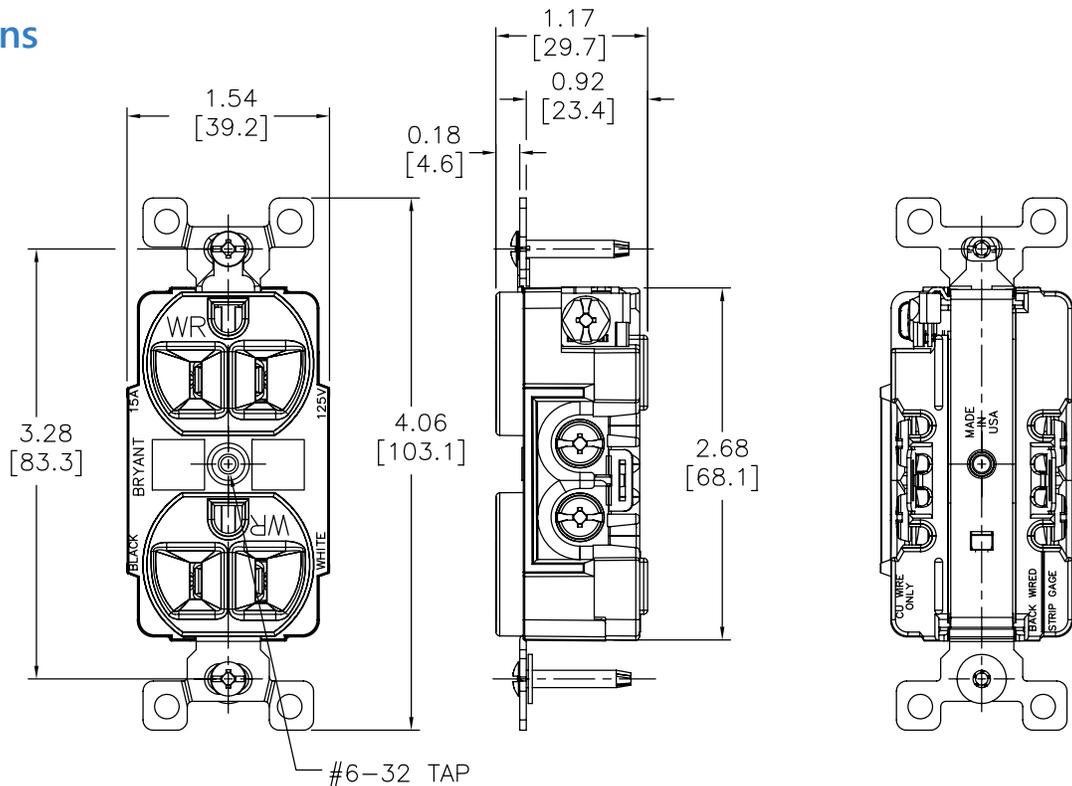


# Industrial Grade Duplex Straight Blade Receptacles Specifications and Drawings

Duplex Straight Blade Receptacles Specifications				
Duplex Receptacle Part Numbers	BRY5262GRY		BRY5362GRY	
	BRY5262	BRY5662	BRY5362	BRY5462
	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
<b>BRY3099</b>	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
<b>BRY3056</b>	Bryant cover plate, UL Type 3R, lift cover, gray. For use with 15A and 20A duplex receptacles in portable outlet box BRY3099.	\$28.00
<b>BRY3054</b>	Bryant cover plate, UL Type 3R, gray. For use with portable outlet box BRY3099.	\$5.25



**BRY3056**



**BRY3054**

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

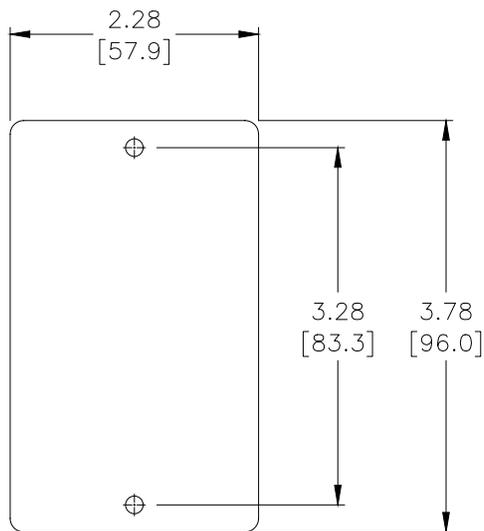
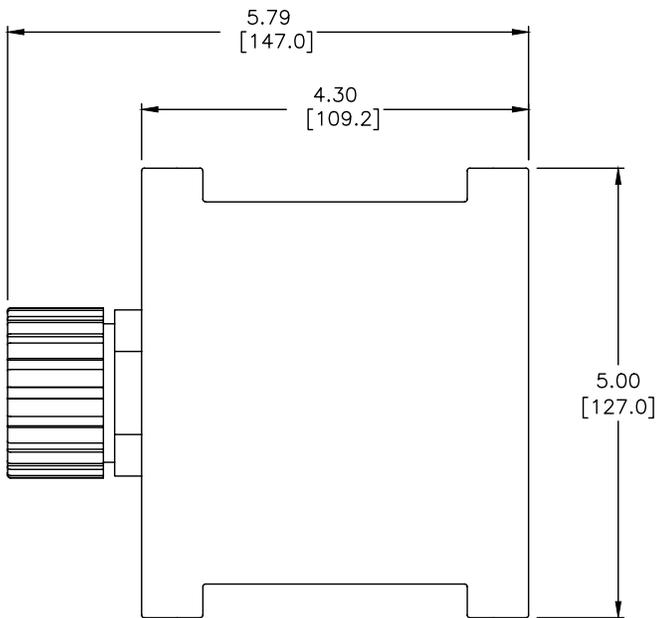
UL Cross Reference		
Part Number	UL Part Number	UL File Number
<b>BRY3099</b>	HBL3099	E92074
<b>BRY3056</b>	HBL3056	E92074
<b>BRY3054</b>	HBL3054	E92074



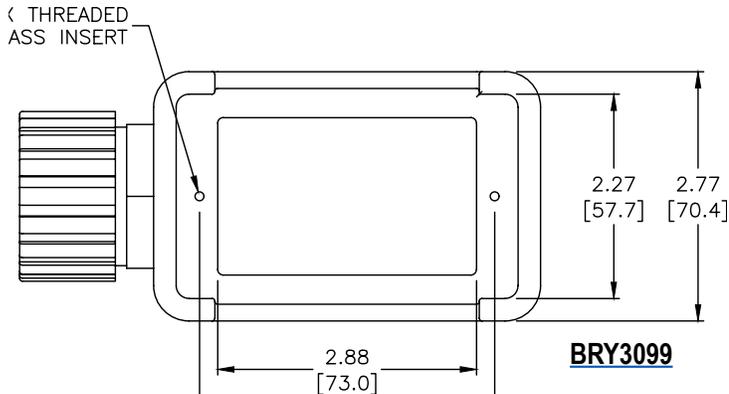
# Watertight Wiring Devices - Weather Protective Accessories

## Dimensions

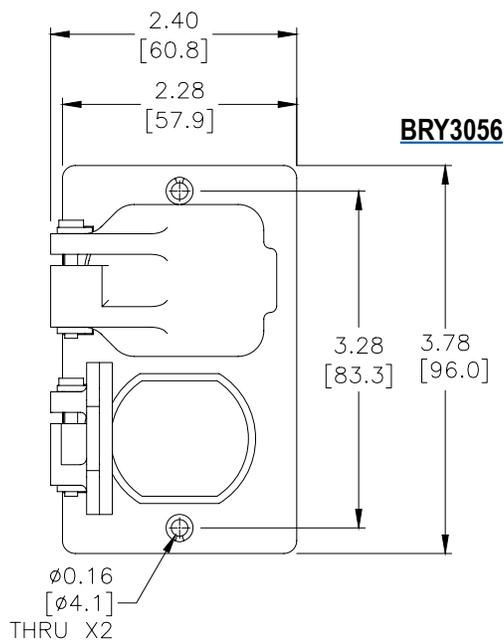
Inches [mm]



**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
<b>2-Pole 3-Wire Grounding</b>	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
<b>3-Pole 4-Wire Grounding</b>	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
<b>4-Pole 5-Wire Grounding</b>	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
<b>2-Pole 3-Wire Grounding</b>	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

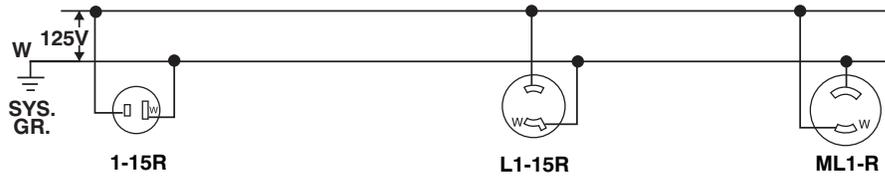
Note: Please see Appendix for  
 1.] Mechanical and electrical properties of material data  
 2.] Chemical resistance of material  
 3.] Table III Hp rating chart

# Wiring Devices – NEMA Wiring Diagrams

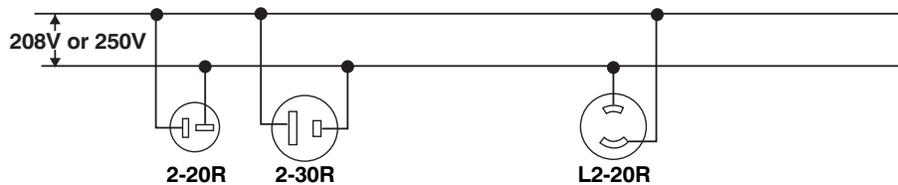
Reference material only. Please see Wiring Section in the catalog for product part number.

## 2-Pole 2-Wire

125V

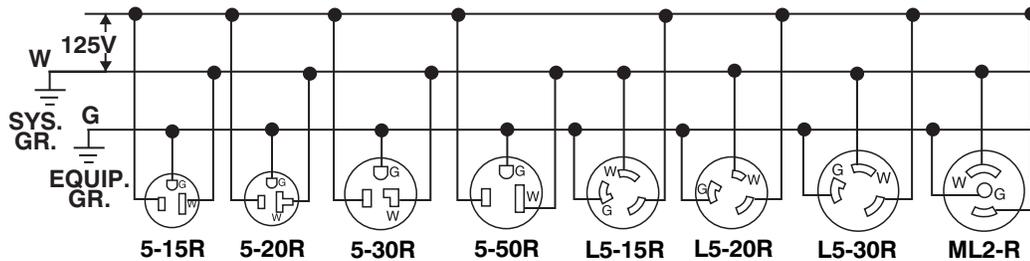


208V or 250V

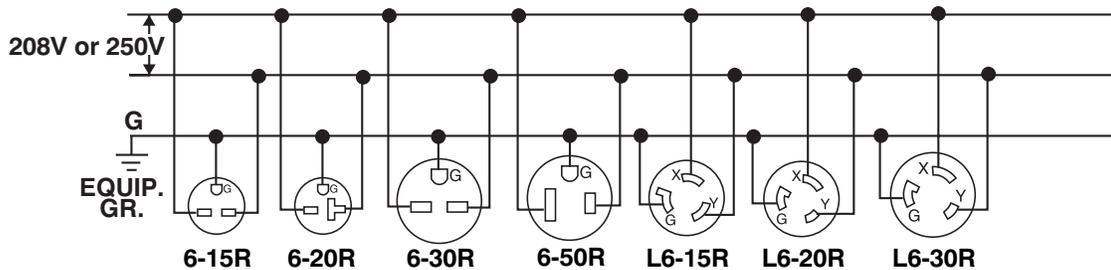


## 2-Pole 3-Wire Grounding

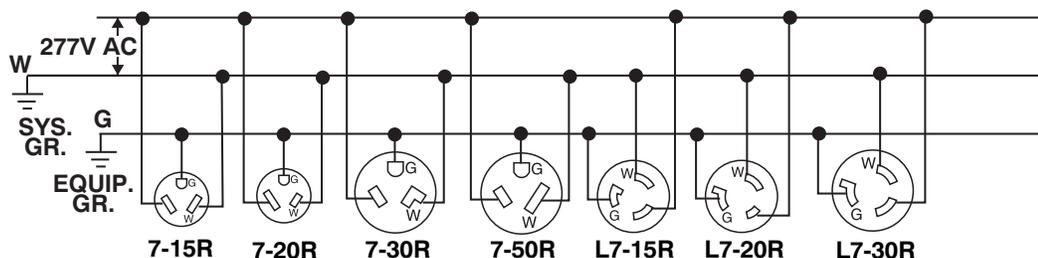
125V



208V or 250V

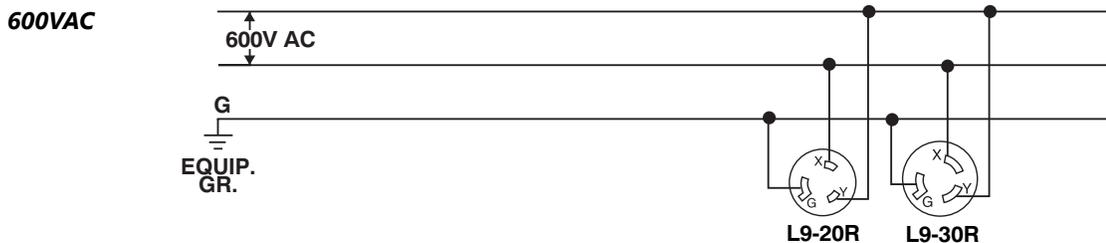
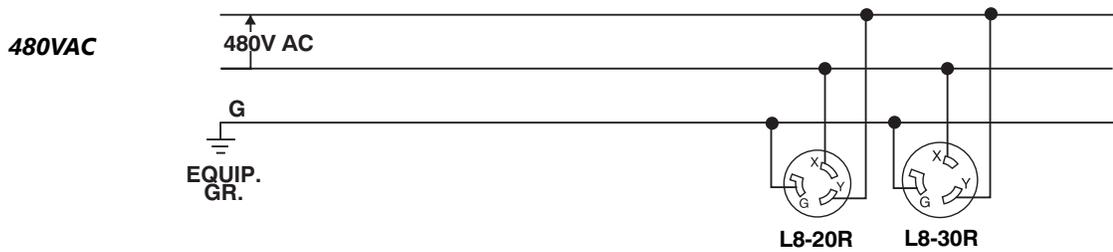


277 VAC

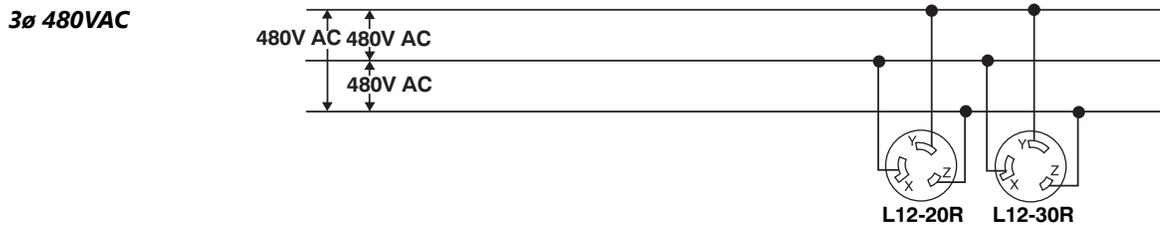
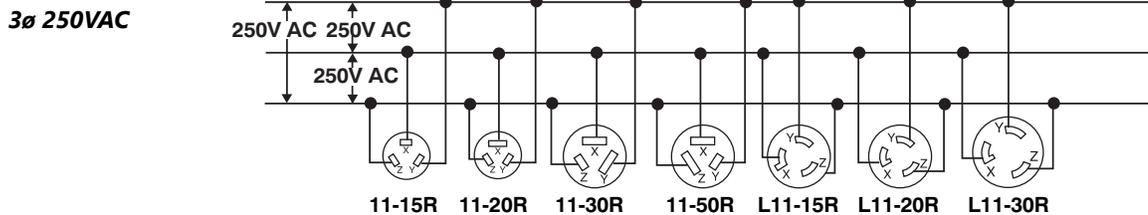
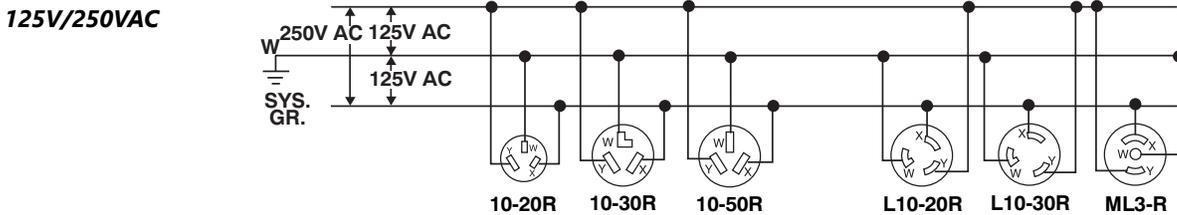


# Wiring Devices – NEMA Wiring Diagrams

## 2-Pole 3-Wire Grounding

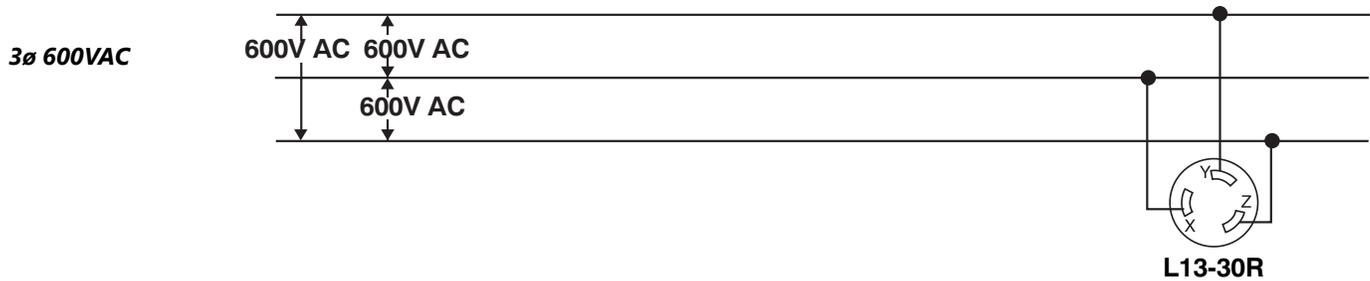


## 3-Pole 3-Wire

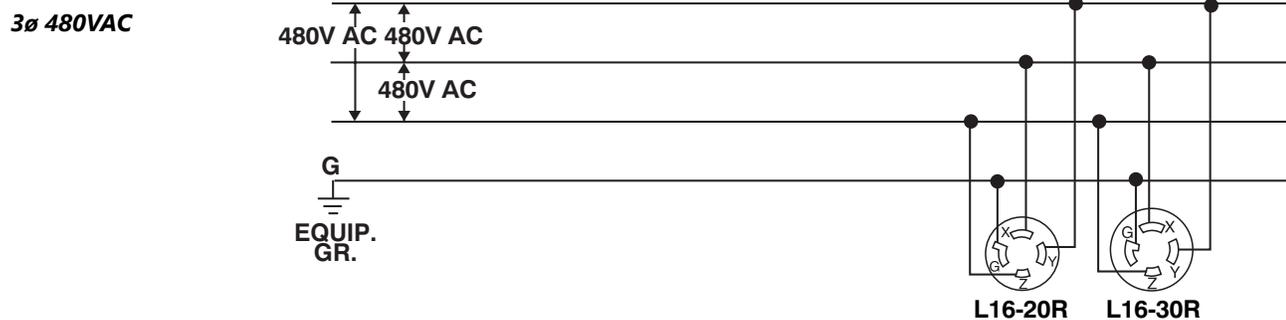
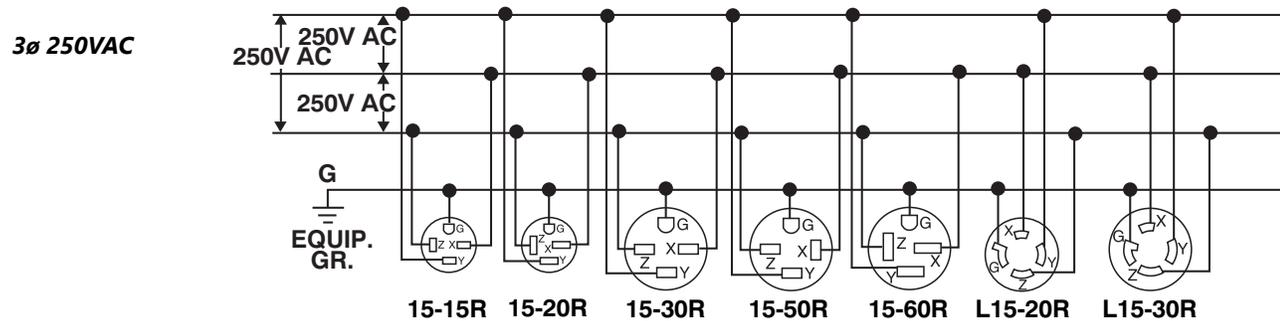
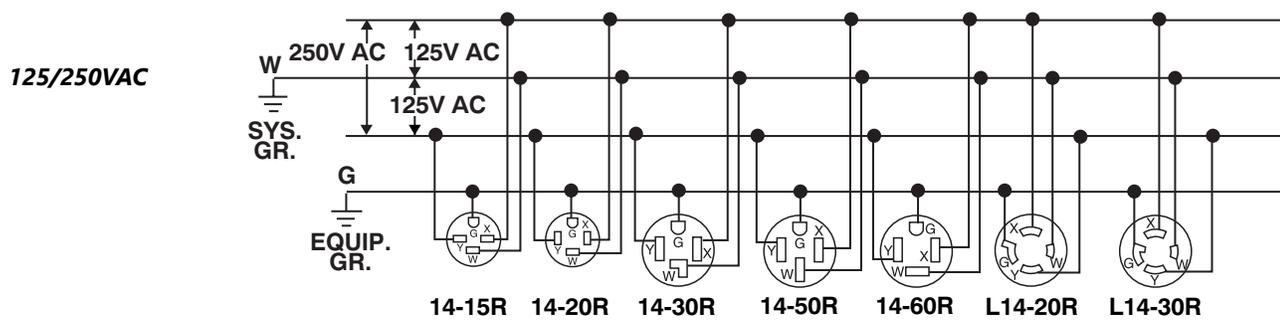


# Wiring Devices – NEMA Wiring Diagrams

## 3-Pole 3-Wire Continued

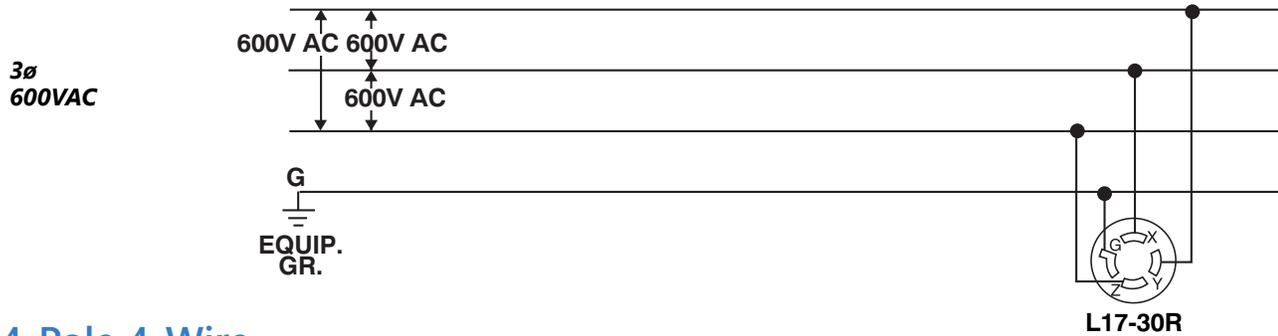


## 3-Pole 4-Wire Grounding

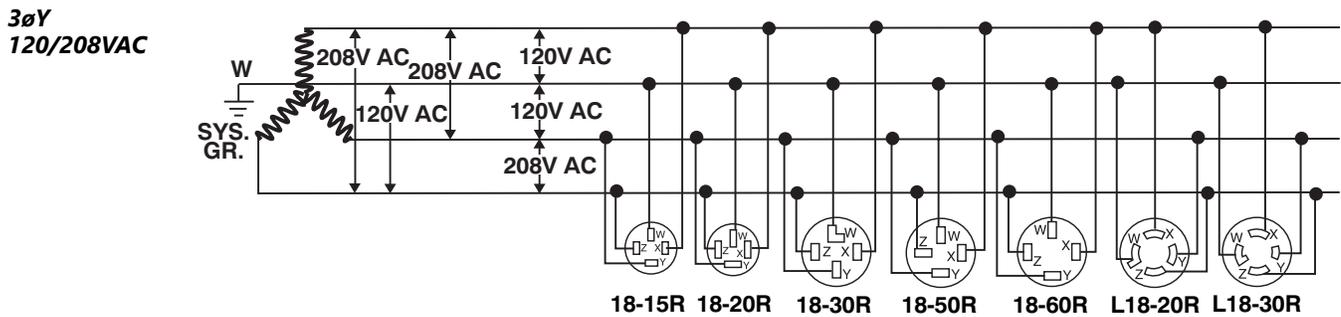


# Wiring Devices – NEMA Wiring Diagrams

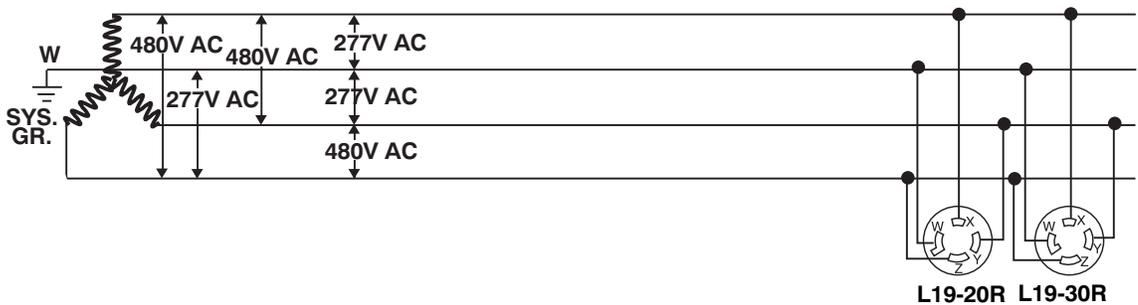
## 3-Pole 4-Wire Grounding Continued



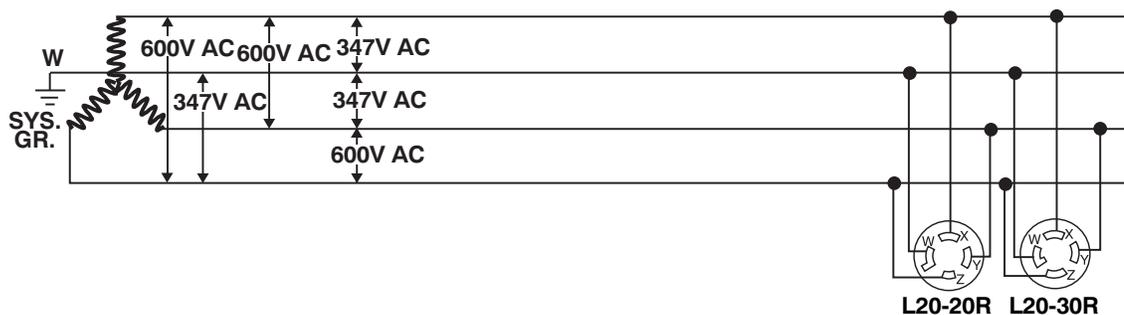
## 4-Pole 4-Wire



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



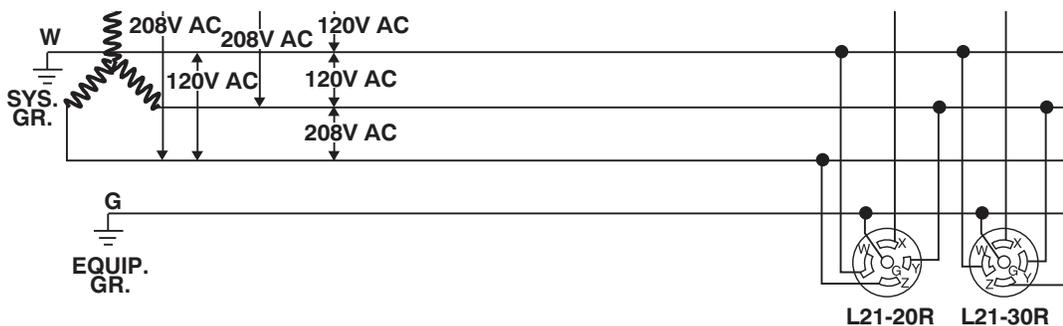
**3 $\phi$ Y**  
**347/600VAC**



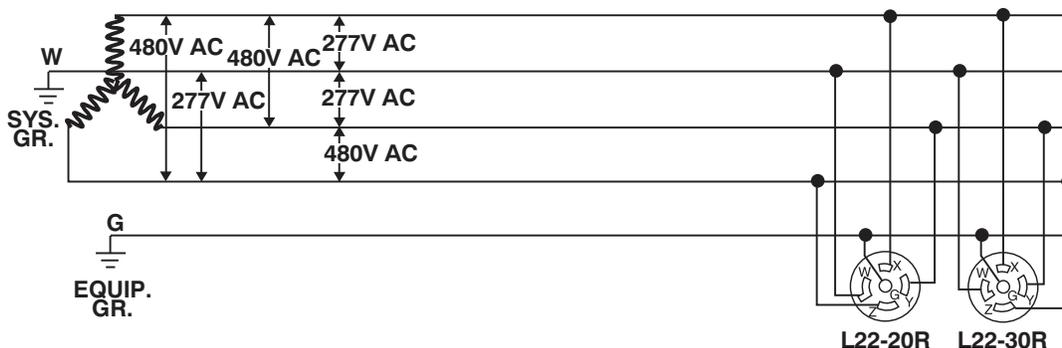
# Wiring Devices – NEMA Wiring Diagrams

## 4-Pole 5-Wire Grounding

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



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



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

