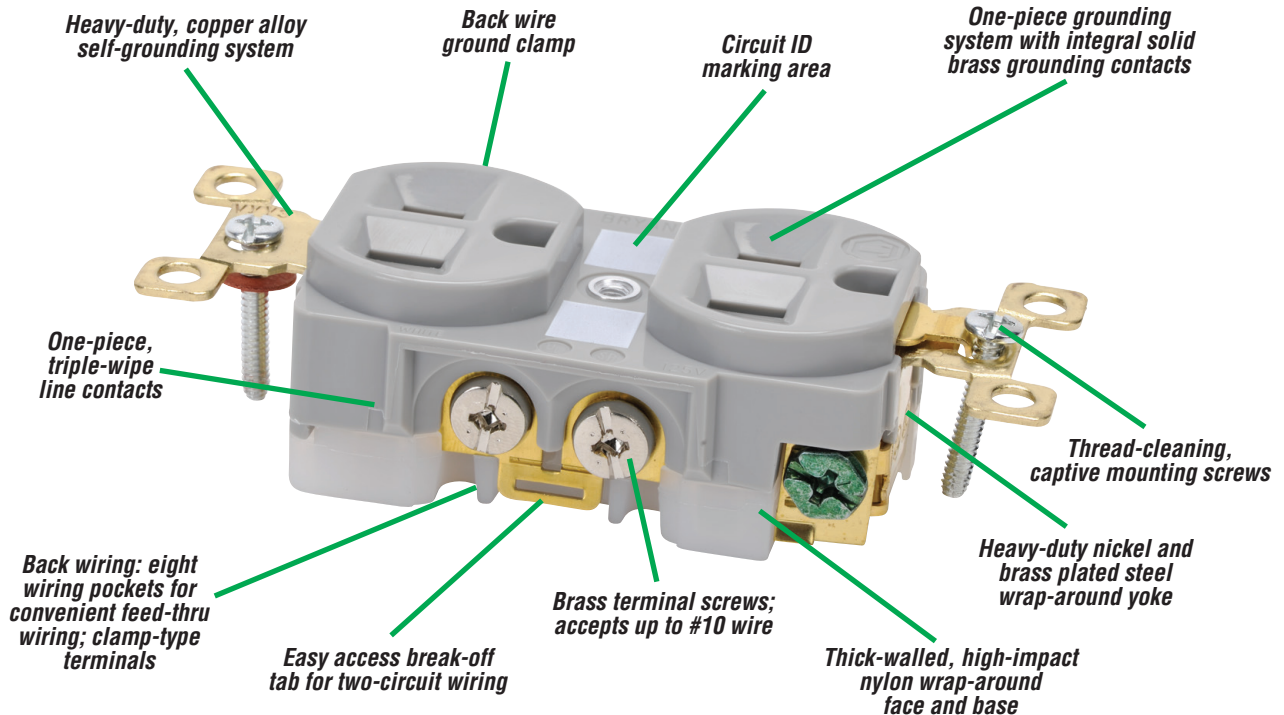


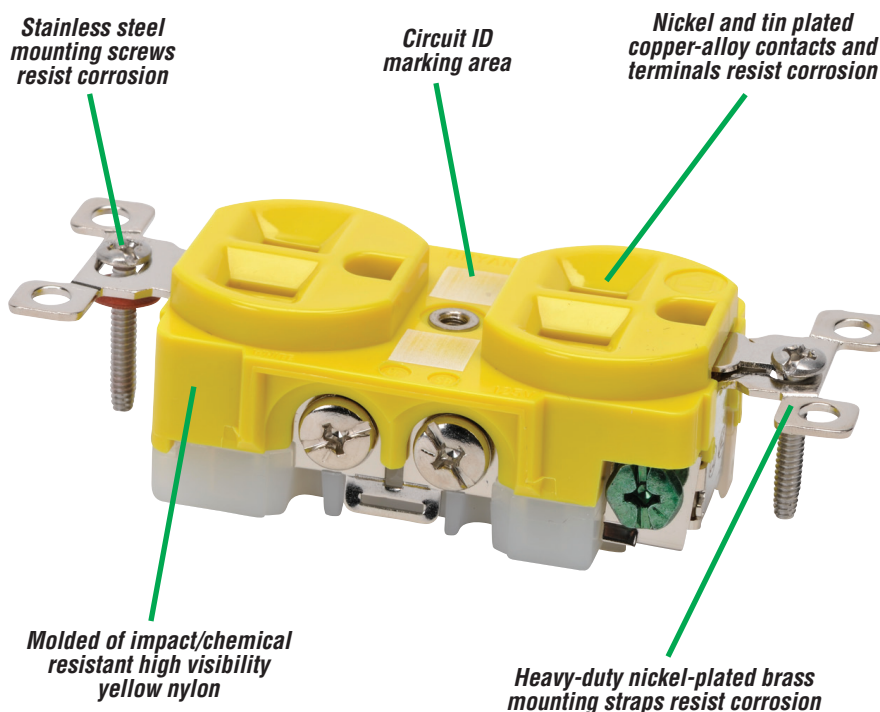
Duplex Receptacles – Product Features

Extra Heavy Duty Industrial Grade Duplex Receptacles

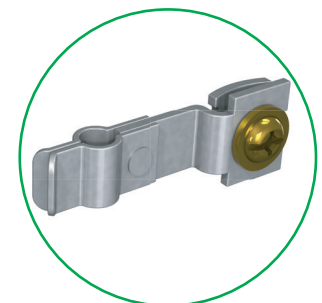
TECH·SPEC®



Corrosion-Resistant Duplex Receptacles



BRYANT®



One-piece rivetless copper-alloy power contacts reduce heat buildup and provide secure plug blade retention

Industrial Grade Duplex Straight Blade Receptacles

TECH·SPEC®

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

BRYANT®

- 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



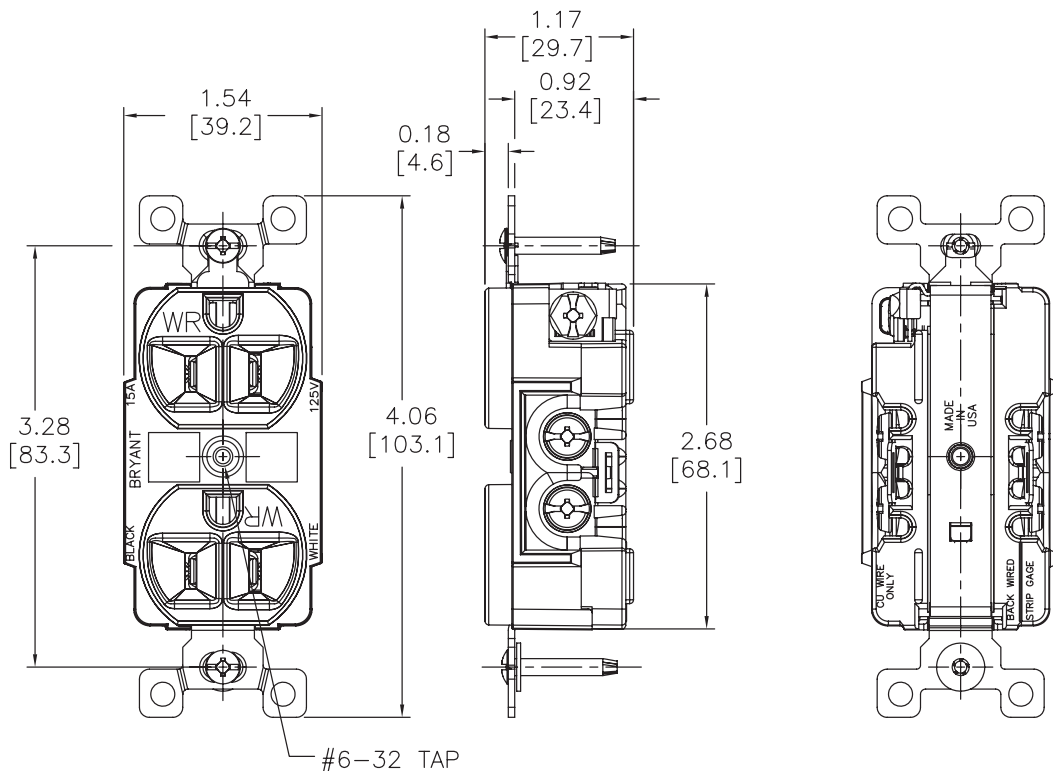
Duplex Straight Blade Receptacles								
Poles	Amperage	NEMA #	Voltage	Configuration	Part Number	Color	Style	Price
2 Pole 3 Wire	15A	5-15	125V AC/ DC	 5-15R	BRY5262GRY	Gray		
					BRY5262CR *	Yellow		
		BRY5262	Brown					
	6-15	250V AC/ DC		 6-15R	BRY5662			
	20A	5-20	125V AC/ DC	 5-20R	BRY5362GRY	Gray		
					BRY5362CR *	Yellow		
					BRY5362	Brown		
		6-20	250V AC/ DC	 6-20R	BRY5462			

* 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	BRY5363GRY	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 accomodation	#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 in inches [mm]



Weather Protective Accessories



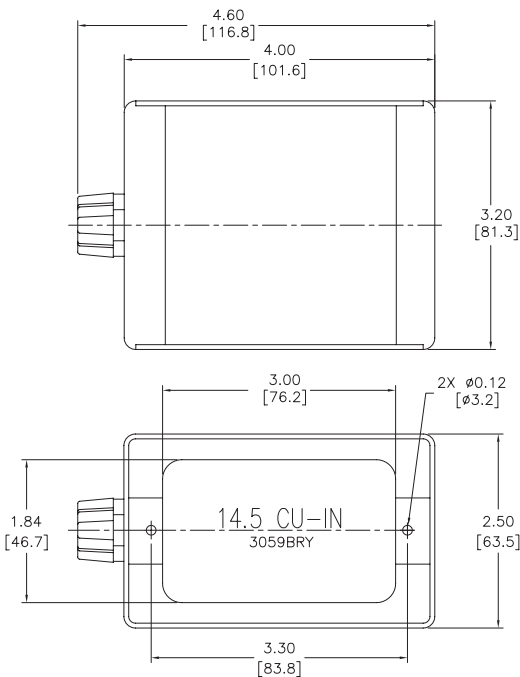
Portable Outlet Boxes Features

- Non-conductive, impact resistant thermoplastic elastomer boxes reduce the exposure to potential hazards
- Automatic centering strain relief cord clamps
- NEMA Type 1
- Neoprene seal bushings accommodate cord size #16 SO to #12/3 SO
- For use with 15A or 20A duplex receptacles (receptacles not included)
- Flip seals protect against wet environments and moisture when closed

BRYANT®

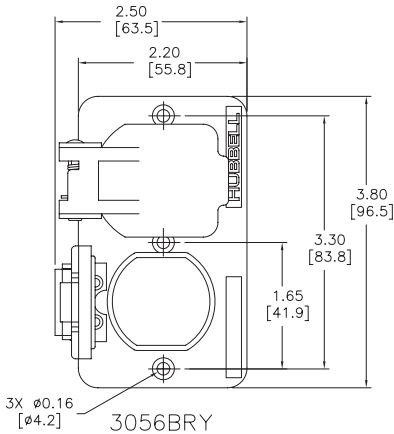
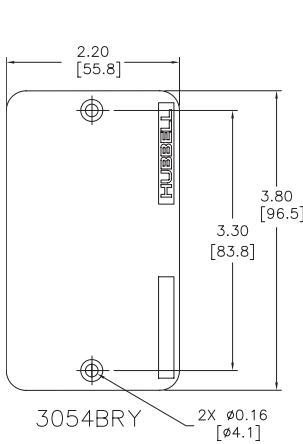
TECH·SPEC®

Dimensions in inches [mm]



Weather Protective Accessories		
Part Number	Description	Price
3059BRY	Portable outlet box	
3056BRY	Outlet box cover; duplex receptacle with lift cover	
3054BRY	Blank outlet box cover plate	

**Receptacle sold separately*



Material Specifications

Watertight Wiring Devices Materials	
<i>Plugs/Connectors</i>	
<i>Part Description</i>	<i>Materials</i>
Blade/contact carrier	PBT thermoplastic, yellow
Terminal retainer	Polycarbonate, clear
Housing	Thermoplastic elastomer, yellow
Housing insert	Polypropylene, natural
Strain relief nut	PBT thermoplastic, gray
Grommet	Thermoplastic elastomer, various colors
Ferrule	Polypropylene, natural
Blades/contacts	Brass, nickel
Terminal screws	Steel, chromate
Terminal screw size	#8-32
Body holding screws	Stainless steel
Drive screws	Steel, chromate
<i>Portable Outlet Box and Accessories</i>	
Box enclosure	Thermoplastic elastomer, yellow
Strain relief nut	PBT thermoplastic, gray
Grommet	Thermoplastic elastomer, various colors
Ferrule	Polypropylene, natural
Strain relief insert	Nylon, yellow
Locknut	Steel, zinc plate
Threaded inserts	Polypropylene, natural
Strain relief wire	Brass
Duplex receptacle screw	Stainless steel
Cover plate screws	Steel, black oxide
Cover plate	Nylon, gray
Flip cover	PBT Thermoplastic, yellow
Flip cover seal	Foam rubber, black
Cover plate spring	Stainless steel
Hinge pin	Aluminum
Hinge bracket	Stainless steel
Rivets	Brass

Wiring Devices - NEMA Configuration Chart

Company
Information

Terminal Blocks

Power
Distribution
BlocksWiring
AccessoriesZiPLink
Connection
SystemMulti-wire
ConnectorsSensor Cables
and ConnectorsM12 Junction
BlocksPanel Interface
Connectors

Wiring Duct

Cable Ties

Wire

Bulk
Multi-conductor
CablesWire
Management
Products

Power Supplies

DC Converters

Transformers
and Filters

Circuit Protection

Tools

Test
Equipment

Enclosures

Enclosure
Climate ControlSafety: Electrical
ComponentsSafety: Protective
WearTerms and
Conditions

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	 	 	 
	250V	L6	 	 	 
	277V	L7	 	 	 
	480V	L8		 	 
	600V	L9		 	 
3-Pole 4-Wire Grounding	125/250V	L14		 	 
	3Ø 250V	L15		 	 
	3Ø 480V	L16		 	 
	3Ø 600V	L17			 
4-Pole 5-Wire Grounding	3ØY 120/208V	L21		 	 
	3ØY 277/480V	L22		 	 

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	 	 	 
	250V	6	 	 	 

Note: Please see Appendix for

1.) Mechanical and electrical properties of material data

2.) Chemical resistance of material

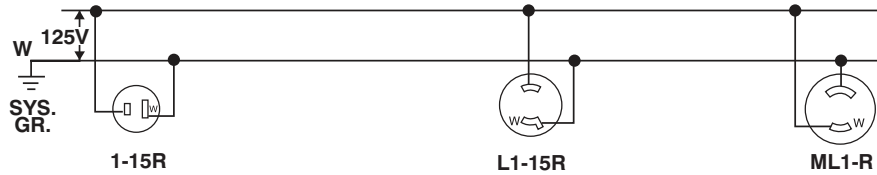
3.) Table III Hp rating chart

Wiring Devices – NEMA Wiring Diagrams

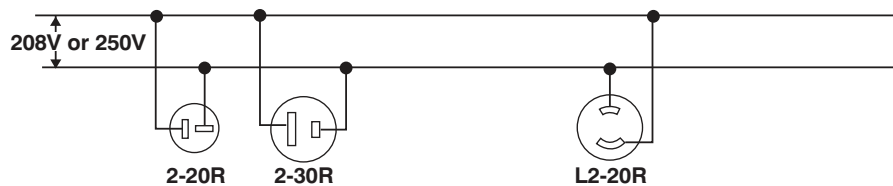
Reference material only. Please see Wiring Section in the catalog for product part number.

2-Pole 2-Wire

125V

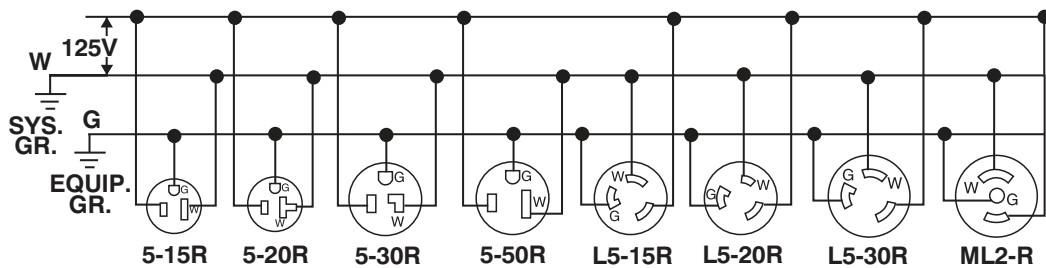


208V or 250V

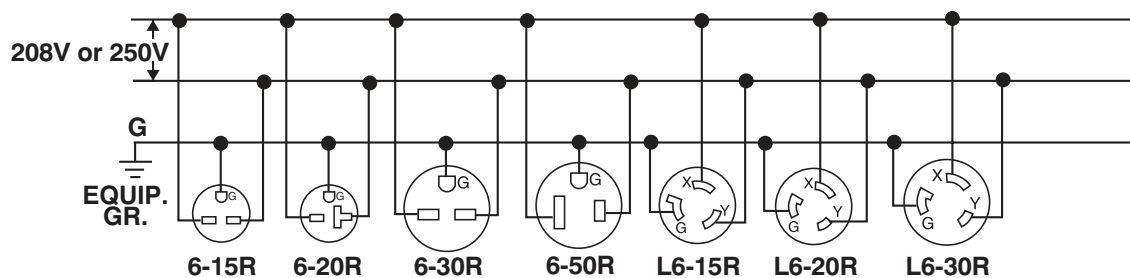


2-Pole 3-Wire Grounding

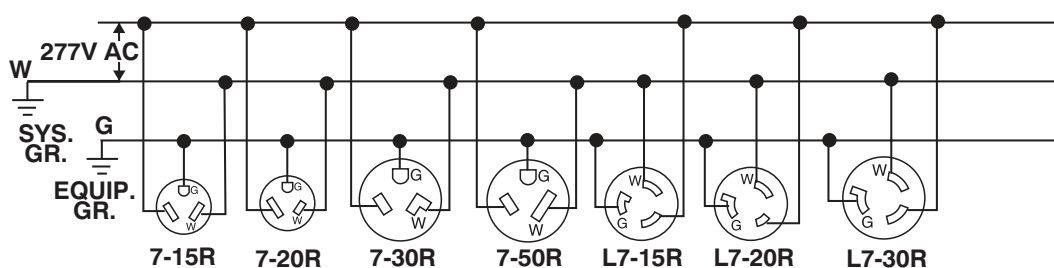
125V



208V or 250V



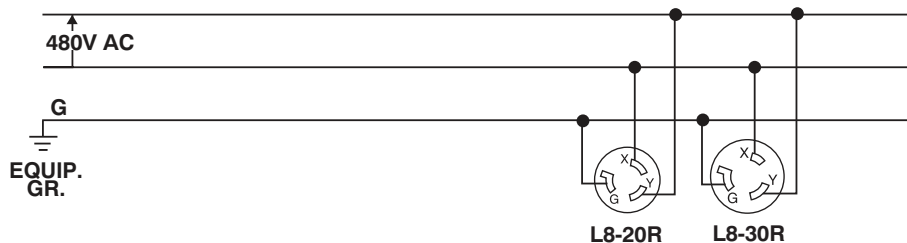
277V AC



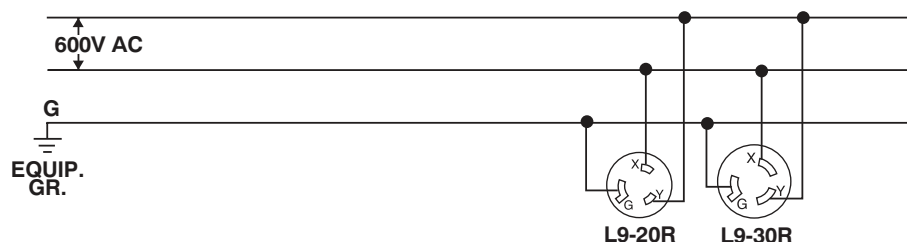
Wiring Devices – NEMA Wiring Diagrams

2-Pole 3-Wire Grounding

480V AC

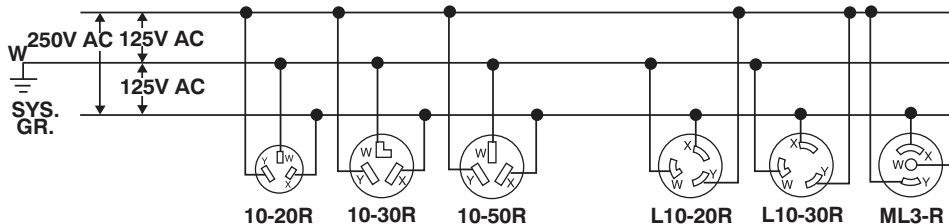


600V AC

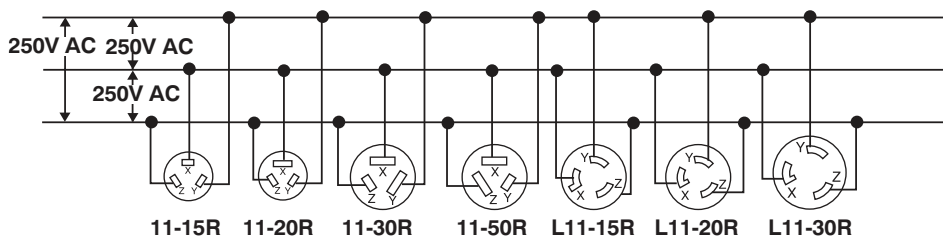


3-Pole 3-Wire

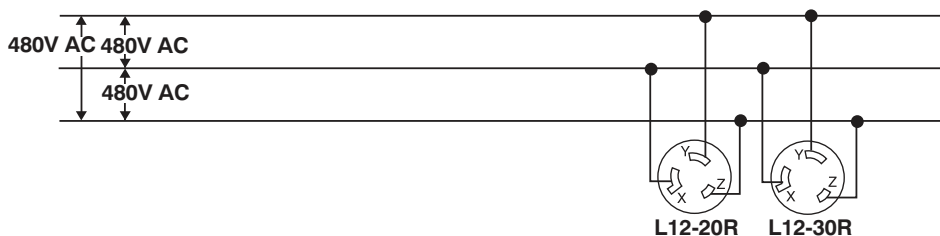
125V/250V AC



3Ø 250V AC



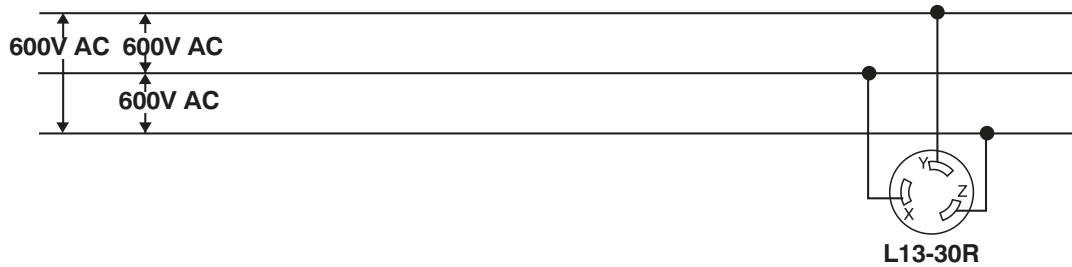
3Ø 480V AC



Wiring Devices – NEMA Wiring Diagrams

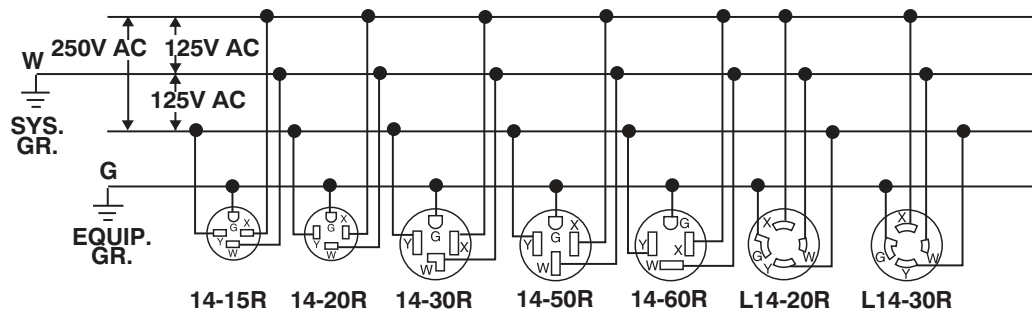
3-Pole 3-Wire Continued

3Ø 600V AC

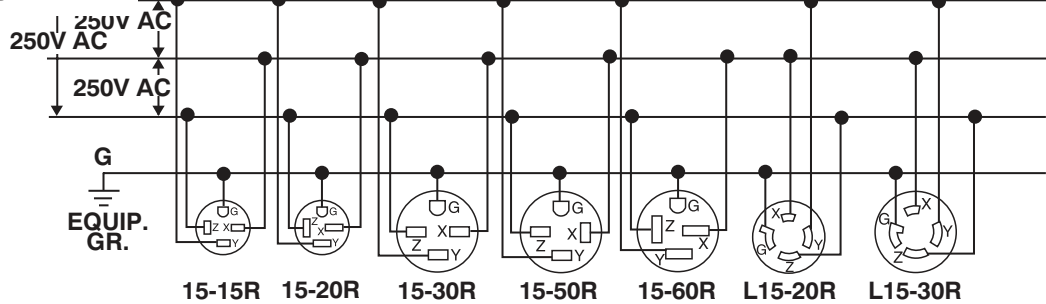


3-Pole 4-Wire Grounding

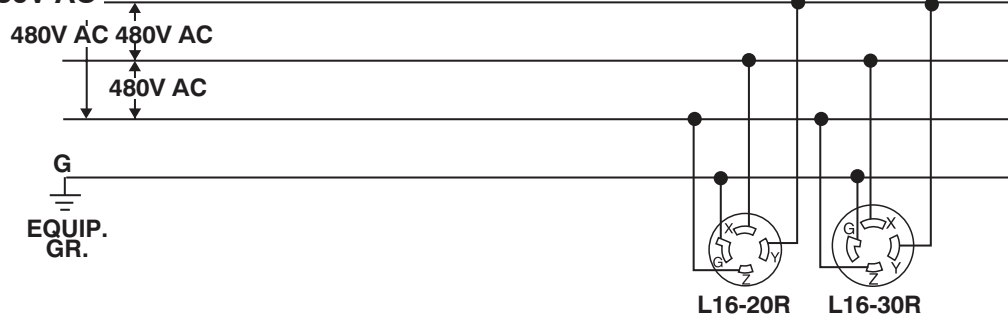
125/250V AC



3Ø 250V AC



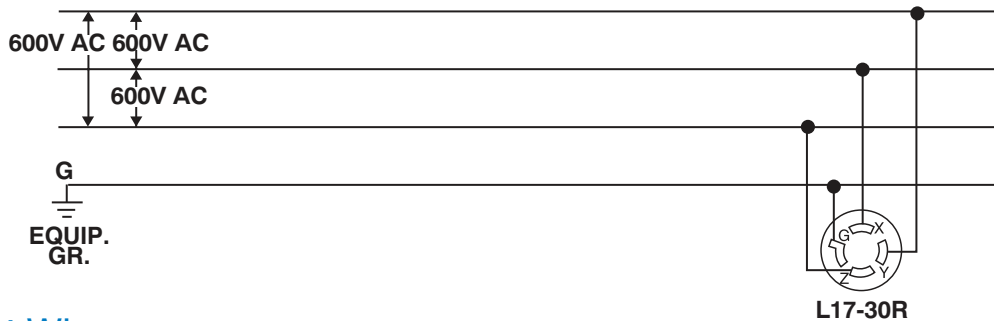
3Ø 480V AC



Wiring Devices – NEMA Wiring Diagrams

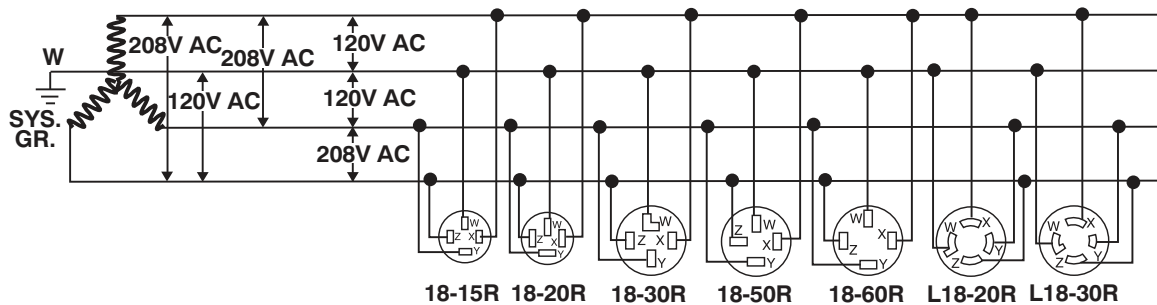
3-Pole 4-Wire Grounding Continued

3 ϕ 600V AC

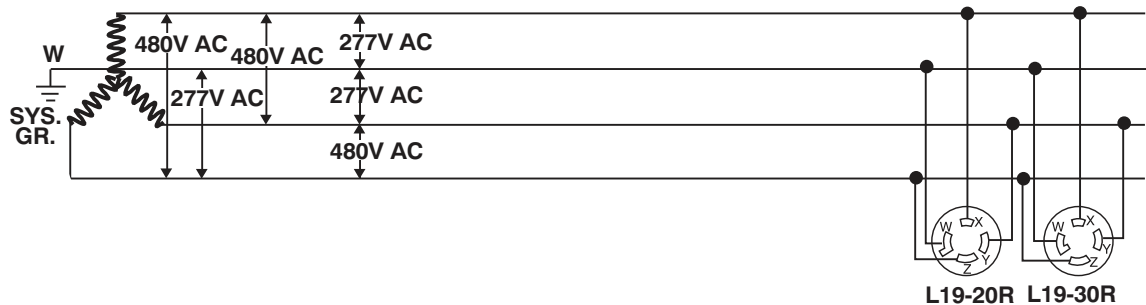


4-Pole 4-Wire

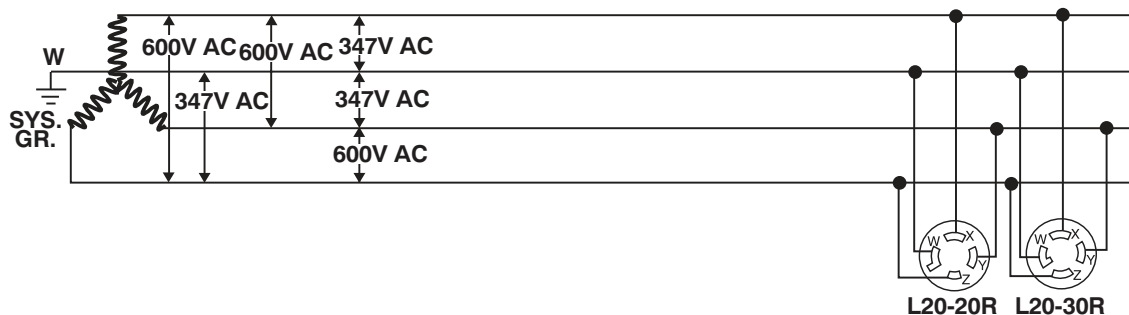
3 ϕ Y 120/208V AC



3 ϕ Y 277/480V AC



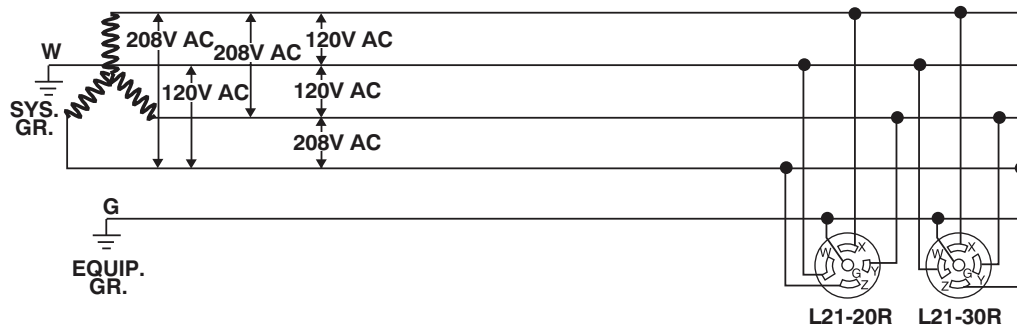
3 ϕ Y 347/600V AC



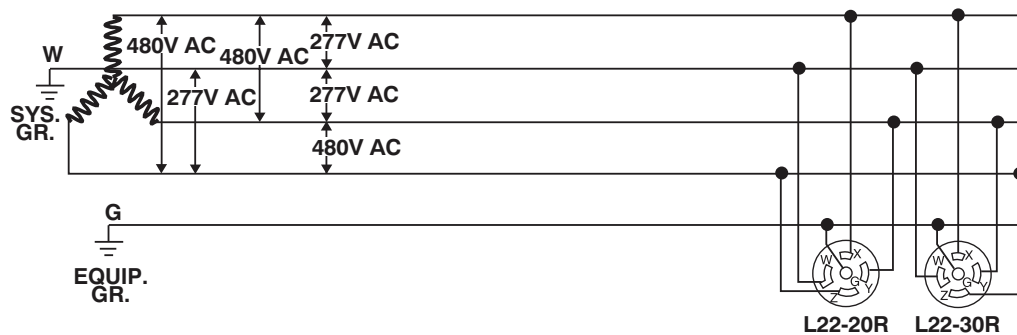
Wiring Devices – NEMA Wiring Diagrams

4-Pole 5-Wire Grounding

3 ϕ Y 120/208V AC



3 ϕ Y 277/480V AC



3 ϕ Y 347/600V AC

