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Wiring Devices—Dimensional Specifications

Excerpt: Non-Locking Plugs and Receptacles

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NEMA CONFIGURATIONS FOR STRAIGHT BLADE FLUGS AND RECEPTACLES

DESCRIPTION		~	15 AMPERE		20 AMPERE		30 AMPERE		50 AMPERE		60 AMPERE	
		NEMA	RECEPTACLE	PLUG	RECEPTACLE	PLUG	30 AN	PLUG	50 AI	PLUG	60 AN	PLUG
2-POLE 2-WIRE	125V	1	#S1 -1 (1) (1)	OF NON POLARIZED POLAR.		1-20P MATES WITH 5-20R		1-30P MATES WITH 5-30R				
	250V	2		2-15P MATES WITH 5-15R	2-20R	2-20P	2-3 0R	2-30P				
	277V AC 600V	3										
2-POLE 3-WIRE GROUNDING	125V	5	2-15R	S-15P	5-20R	5-20P	S-30R	S-30P	S-50R	MI I S-S 0 S - S		
	125V	5ALT			SALT-20R							
	250V	6	6 - 15R	6- 15P	6-20R	6-20P	8 - 3 OR	G • 30P	6 - 5 OR	G • dos-9		
	250V	6ALT			6ALT-20R							
	277V AC	7	7-15R	7-15P	7-20R	7-20P	7-30R	7-30P	7-50R	M		
	347V AC	24	24-15R	24-15P	24-20R	24-20P	24-30R	24-30P	24-50R	24 - 50P		
	480V AC	8										
	600V AC	9										
3-POLE 3-WIRE	125 / 250V	10			10-20R	10-20P	0- 00 N N N N N N N N N N N N N N N N N	10-30P	01 0.5 0x	xy v, 01		
	3 Ø 250V	11	÷ (2 /2 /2)	11-15p	1- 20 K	11-20p	SQ	x vz + + + + + + + + + + + + + + + + + +	11 - 50R	<u>x</u> <u>y</u> z do s		
	3 Ø 480V	12										
	3 Ø 600V	13										
3-POLE 4-WIRE GROUNDING	125 / 250V	14	14-15R	14-15P	14-20R	14-20P	2. 3. A. X. J. A. X.	14-30P	2.		1. 60R	M → 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	3 Ø 250V	15	15-15R	x x z z z z z z z z z z z z z z z z z z	15-20R	15-20P	15-30R \[\bigc\] \[\bigc\] \\ \	x x x x x x x x x x x x x x x x x x x	25-50R	(1 × -Z) 005 - 21	2. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	x z 3 - 2 c c c c c c c c c c c c c c c c c c
	3 Ø 480V	16										
	3 Ø 600V	17										
4-POLE 4-WIRE	3 Ø Y 120 / 208V	18	6	x 1 z ds - 6 t - 6	18 - 20 - 20 - 20 - 20 - 20 - 20 - 20 - 2	%1 x x 1 .80	8	18-30 go	SO SO X X X		% (x x y x x x x x	A
	3 Ø Y 277 / 480V	19										
	3 Ø Y 347 / 600V	20										
4-POLE 5-WIRE GROUNDING	3 Ø Y 120 / 208V	21										
	3 Ø Y 277 / 480V	22										
	3 Ø Y 347 / 600V	23										

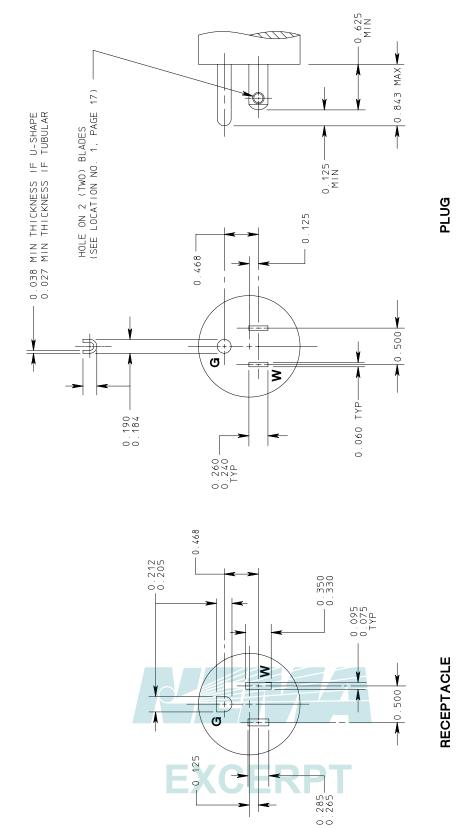
0.718 718 HOLE ON 2 (TWO) BLADES (SEE LOCATION NO. 1, PAGE 17) 00 NON-POLARIZED PLUG 0.260 0.260 0.240 TYP 005.0 0.500 322 307 00 0.060 -TYP. 0.060 · TYP. 0.095 0.075 TYP 2 wire 350 0.0 125 volts, 15 amperes, 2 pole, 0.500 FIGURE 1-15 PLUG AND RECEPTACLE

27 NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES NO. 10, 11, AND

POLARIZED PLUG

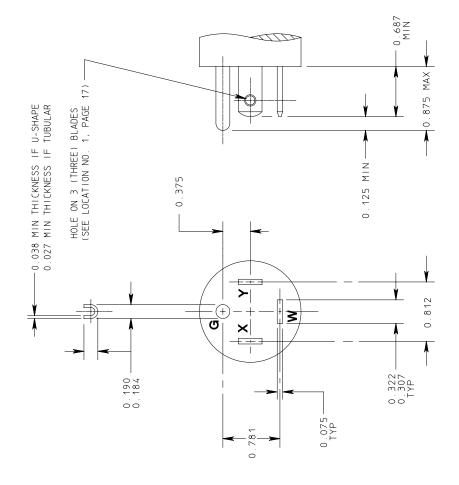
RECEPTACLE

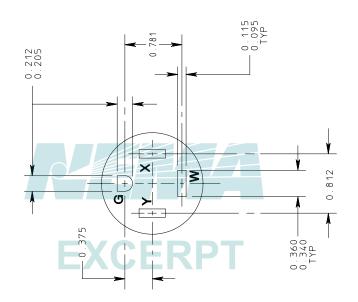
FIGURE 5-15 PLUG AND RECEPTACLE 125 volts, 15 amperes, 2 pole, 3 wire, Grounding type



12 NOTE: FOR TYPICAL DUPLEX OR RECTANGULAR STYLE DEVICES SEE PAGES 10, 11, AND

FIGURE 14–20 PLUG AND RECEPTACLE 125/250 volts, 20 amperes, 3 pole, 4 wire, Grounding type





RECEPTACLE

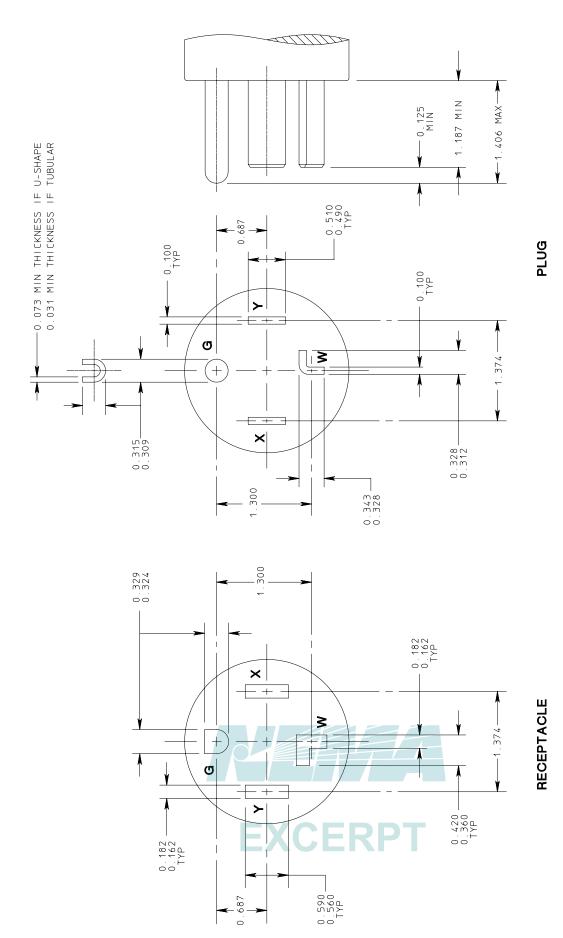
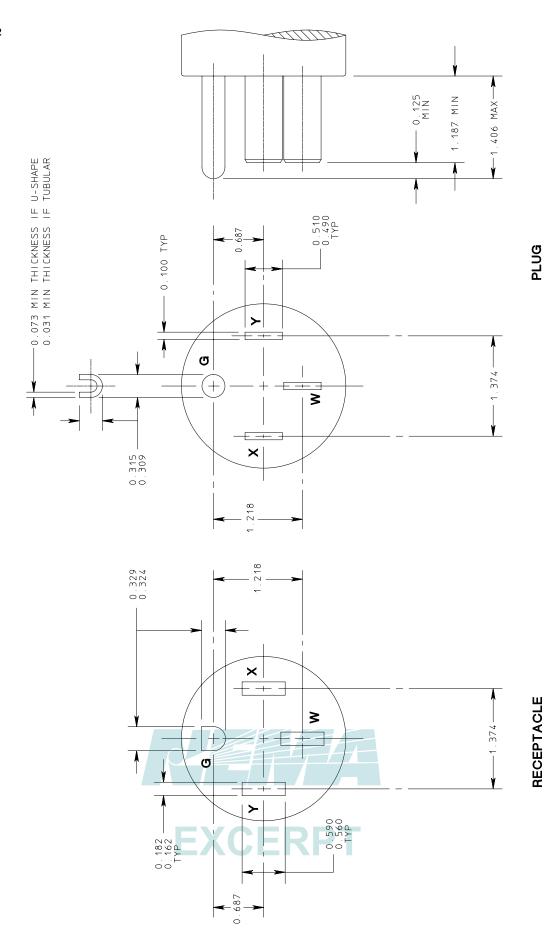
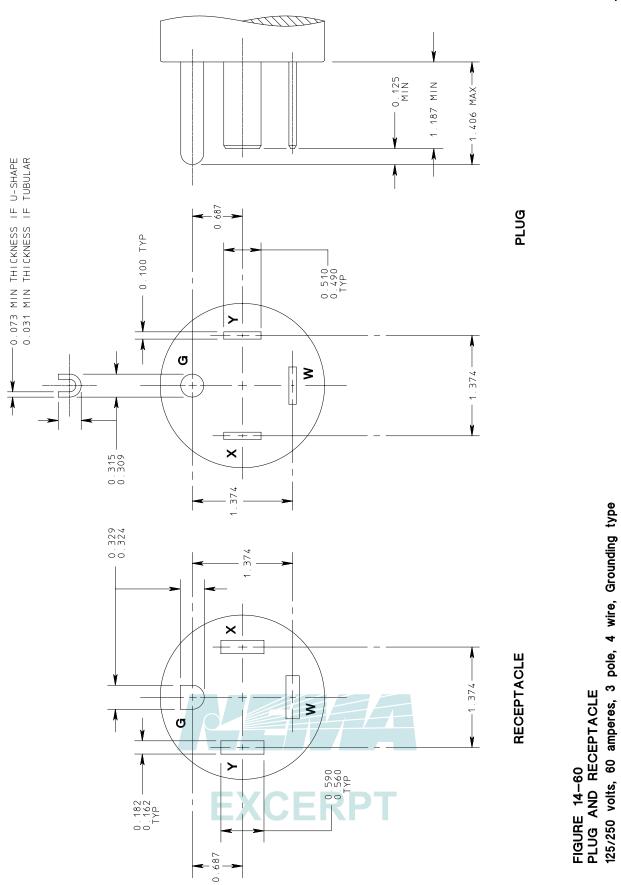


FIGURE 14–30 PLUG AND RECEPTACLE 125/250 volts, 30 amperes, 3 pole, 4 wire, Grounding type

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FIGURE 14-50 PLUG AND RECEPTACLE 125/250 volts, 50 amperes, 3 pole, 4 wire, Grounding type





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