## Section R NEMA Configuration Charts



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# NEMA Configuration Charts Straight Blade Devices



	15 Ampere		20 Am	pere	30 Am	pere	50 Ampere		60 Ampere		
		Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug	Receptacle	Plug
re	125V	A-38, 40	A-38, 40 1-15P   ■								
ole 2-Wire	250V		2-15P	2-20R	2-20P	2-30R	2-30P				
2-Pole	277V 3				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
	600V 4				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
g	125V	A-4 – 15, 19 – 33, 35	A-11, 15, 31 – 34	A-4 – 15, 19 – 25, 27, 31 – 35	A-11, 15, 31, 33, 34	A-42	A-42	A-44	A-44 5-50P		
Grounding	250V	A-16, 29, 31, 33, 37 G 6-15R	A-11, 16, 31, 33, 36 G-15P	A-16, 29, 31, 33, 37	A-11, 16, 31, 33, 36 6-20P	A-42 6-30R	A-42 6-30P	A-44 6-50R	A-44 6-50P		
e 3-Wire	277V AC	A-18 7-15R	7-15P	7-20R	7-20P W	7-30R	7-30P	7-50R	7-50P W		
2-Pole	347V AC	24-15R	A-18 24-15P	24-20R	24-20P	24-30R	24-30P W	24-50R	24-50P W		
	480V AC				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
	600V AC				-	OR FUTURE CON					
ire	125/250V			A-39	A-39	A-42	A-42 10-30P	A-44 10-50R	A-44 10-50P		
3-Pole 3-Wire	3Ø 250V	11-15R	11-15P Z	11-20R	11-20P X	11-30R	11-30P	11-50R X	11-50P		
3-	3Ø 480V				(RESERVED FO	I OR FUTURE CON	FIGURATIONS)				
	3Ø 600V				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
ounding	125/250V	14-15R	14-15P W	14-20R	14-20P W	A-43	A-43	A-45	A-45	A-46	A-46    14-60P
3-Pole 4-Wire Gr	3Ø 250V AC	15-15R	15-15P Z Z	15-20R	15-20P	A-43  15-30R	A-43 15-30P	A-45	A-45 15-50P	A-46  15-60R	A-46  15-60P
le 4	3Ø 480V AC				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
3-Pc	3Ø 600V AC				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
4-Wire	3ØY 120/208V AC	18-15R	18-15P	A-41 18-20R	A-41 18-20P	18-30R	18-30P	A-45  18-50R	A-45 18-50P	A-46  18-60R	A-46  18-60P
	3ØY <sup>19</sup> 277/480V AC				(RESERVED FO	' OR FUTURE CON I	FIGURATIONS)				
4-Pole	3ØY <sup>20</sup> 347/600V AC				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
irdg	3ØY 21 120/208V AC				(RESERVED FO	I DR FUTURE CON I	FIGURATIONS)				
5-W Grdg	3ØY 22 277/480V AC				(RESERVED FO	OR FUTURE CON	FIGURATIONS)				
4-P	3ØY <sup>23</sup> 347/600V AC				(RESERVED FO	I OR FUTURE CON I	FIGURATIONS)				

# NEMA Configuration Charts Locking Devices



				45 A.				00 A	npere			20 A		
			Recep		npere Pl	ug	Recep		npere Plu	ıa	Recer		npere Plu	ug
	4051/		H-7	(W)	H-7	(X)				3				
2-Pole 2-Wire	125V	ML1	ML-1R	(=)	ML-1P									
2-7	125V	Lı	H-5		H-5									
ole			L1-15R	(m)	L1-15P	<b>~</b>								
2-P	250V	L2					H-6		H-6					
			11.7				L2-20R		L2-20P					
	125V	ML2	H-7	GR (-0)	H-7	GR GR								
		-	ML-2R H-8, 9	<del>-</del>	ML-2P H-9		H-10		H-10		H-16		H-16	
	125V	L5		(C SW)		(, 1 <sub>0</sub> )				( 1)	1			( 🕻 1)
g			L5-15R H-8, 9		L5-15P H-9		L5-20R H-10		L5-20P H-10		L5-30R H-16	$\overline{}$	L5-30P H-16	
dir	250V	L6	L6-15R		L6-15P	(1)	L6-20R	(P 2)	L6-20P	( 1)	L6-30R		L6-30P	( , 1)
Jno,			H-8, 9		H-9	$\overline{}$	H-10		H-10		H-16		H-16	
G	277V AC	L7	L7-15R		L7-15P	(1)	L7-20R		L7-20P	(, 1)	L7-30R		L7-30P	(, 1)
Nire		l					H-11		H-11	( ·	H-17	(2 5g)	H-17	( ·
ج. اج.	480V AC	L8					L8-20R		L8-20P		L8-30R		L8-30P	
2-Pole 3-Wire Grounding	600V AC	L9					H-11	(n s)	H-11	(*)	H-17		H-17	(* 1°)
2-F	000V AC	La					L9-20R		L9-20P	( 1)	L9-30R	(3/4)	L9-30P	
	28V DC	FSL1									H-24		H-24	
											FSL1		FSL1	$\stackrel{\smile}{=}$
	400Hz 120V	FSL2									H-24		H-24	(رق کی)
			H-7		H-7						FSL2		FSL2	
	125/250V AC	ML3		wo wo		W.								
			ML-3R		ML-3P		H-12	(R N)	H-12		H-18	(X FR)	H-18	
<u>i.</u>	125/250V AC	L10					L10-20R	(G)	L10-20P	(*, *)	L10-30R	(G, D)	L10-30P	
3-K				( Pa)		(E)	H-12	(P)	H-12		H-18	(YB)	H-18	
3-Pole 3-Wire	3Ø 250V AC	L11	L11-15R	$\left( \underbrace{\mathbf{B}_{\mathbf{x}}  \mathbf{D}^{\mathbf{z}}}_{\mathbf{z}} \right)$	L11-15P	(z , 1)	L11-20R	(Cx Jz)	L11-20P		L11-30R	(G <sub>x</sub> J <sup>z</sup> )	L11-30P	
-Po	06 4007 40	140					H-12	(YB)	H-12		H-19	(P)	H-19	(F)
က	3Ø 480V AC	L12					L12-20R	$\left( \int_{X} o^{z} \right)$	L12-20P	$\begin{pmatrix} z & 1 \end{pmatrix}$	L12-30R	$\begin{pmatrix} 1 & 0^{2} \end{pmatrix}$	L12-30P	
	3Ø 600V AC	L13									H-19	(T) Z	H-19	(z x)
	00 000 40										L13-30R	(I z)	L13-30P	
50	125/250V AC	L14					H-13		H-13	(w1 TG)	H-20		H-20	(w1 1s)
nding		-					L14-20R H-13		L14-20P H-13	<u> </u>	L14-30R H-20		L14-30P H-20	<u>~</u>
unc	3Ø 250V AC	L15								(1 To)				(X)
Groun							L15-20R H-13		L15-20P H-13		L15-30R H-21		L15-30P H-21	
/ire	3Ø 480V AC	L16								(I Jo	140 000			( T) a
4-V							L16-20R		L16-20P		L16-30R H-21		L16-30P H-21	
e c	3Ø 600V AC	L17									L17-30R		L17-30P	(V) J°
3-Pole 4-Wire	40011 05 1011	<b>F</b> 0									H-24	720	H-24	(2)
	400Hz 3Ø 120V	FSL3									FSL3	(PZP)	FSL3	
0	3ØY 120/208V AC	L18					H-14		H-14	(Y 1 1 V)	H-22		H-22	(v(
4-Pole 4-Wire	391 120/208V AC	LIO					L18-20R	(1) p	L18-20P	Ţ	L18-30R		L18-30P	
4-1	3ØY 277/480V AC	L19					H-14		H-14	( <u>1</u> )	H-22		H-22	(vt_1)
ole							L19-20R	(5)	L19-20P	(-,)	L19-30R	(پې	L19-30P	(-,'
4-P	3ØY 347/600V AC	L20					H-14		H-14	( 1 1 W)	H-22	(vg Dv)	H-22	(v( 1 ) )
			<u> </u>				L20-20R H-15		L20-20P H-15		L20-30R H-23	7	L20-30P H-23	7
5-Wire Grounding	3ØY 120/208V AC	L21						(W) OG DY		(		(w( 0, 1)		(x1 (2.1))
onu							L21-20R H-15		L21-20P H-15		L21-30R H-23	7	L21-30P H-23	7
ฐ	3ØY 277/480V AC	L22								(1 0 1 1 m)				× ( ,• ) w
/ire							L22-20R H-15		L22-20P H-15	(Ž)	L22-30R H-23		L22-30P H-23	Ž Ž
2-W	3ØY 347/600V AC	L23					L23-20R		L23-20P	(v1 g· 1v)	L23-30R	(v( ( o. 1)	L23-30P	(Y ( a • ) W) 7
ole	400Hz										H-24	<u>-</u>	H-24	<u>-</u>
4-Pole	3ØY 120/208V	FSL4									FSL4	W. D. D.	FSL4	W.C. (1)
											,		,	

### **Configuration Charts**

### 50 Amp Locking, Power Interrupting and Non-NEMA Locking Devices



#### **50 AMP LOCKING DEVICES**

	Rating	Receptacle	Plug
re Gr	50A 125V	H-39	H-39
2-Pole 3-Wire	50A 250V	H-39	H-39
2-P	50A 480V AC	H-39	H-39
Grounding	50A 125/250V AC	H-37, 38	H-37, 38
-Wire Gr	50A 3Ø 250V AC	H-37, 38	H-37, 38
3-Pole 4-Wire	50A 3Ø 480V AC	H-38	H-38

#### POWER INTERRUPTING DEVICES

	Rating	Rec	eptacle		Plug
2-Pole 3-Wire Gr	20A 125V AC/DC 10A 250V DC 480V AC (NOTE: These devices are not UL Listed and are for replacement use only in existing installations.)	H-43	° <del>\</del>	H-43	**************************************
-Wire Gr	30A 600V AC 20A 250V DC	H-44	× × × × × × × × × × × × × × × × × × ×	H-44	G X X
3-Pole 4-Wire	60A 600V AC	H-46	a	H-46	y
5W Gr	30A 600V AC 20A 250V DC	H-45	y	H-46	<u>a</u>
4P 5	60A 600V AC	H-47	G W X Y	H-47	Y

#### NON-NEMA LOCKING DEVICES

	Rating	Receptacle	Plug
3-Pole 3-Wire	20A 125/250V	H-27	H-27
3-Pole	30A 125/250V	H-30	H-30
4-Pole 4-Wire	20A 3ØY 120/208V AC	H-28	H-28
4-Pole	30A 3ØY 120/208V AC	H-31	H-31
4-Pole 5-Wire	20A 400Hz 3ØY 120/208V	H-25	H-25
4-Pole	20A 3ØY 120/208V AC	H-29	H-29

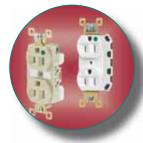
#### **GFCI DEVICES**

	Rating	Receptacle	Plug
3-Wire	15A 125V AC	B-4 — 9	B-11 − 13
2-Pole	20A 125V AC	B-4 − 9	

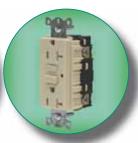
#### SURGE DEVICES

	Rating	Receptacle	Plug
3-Wire	15A 125V AC	C-3 - 6	
2-Pole	20A 125V AC	C-3 − 5	

For more information of these products can be easily found in the following sections:



Straight Blade **Devices** 



**GFCI Devices** 



Surge Devices Isolated Ground Locking Devices



**Devices** 

