

# 3-Phase Load Centers

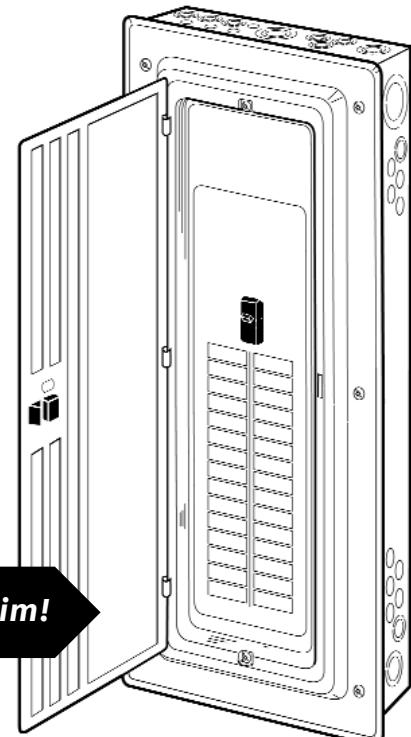
## General Information

### FEATURES

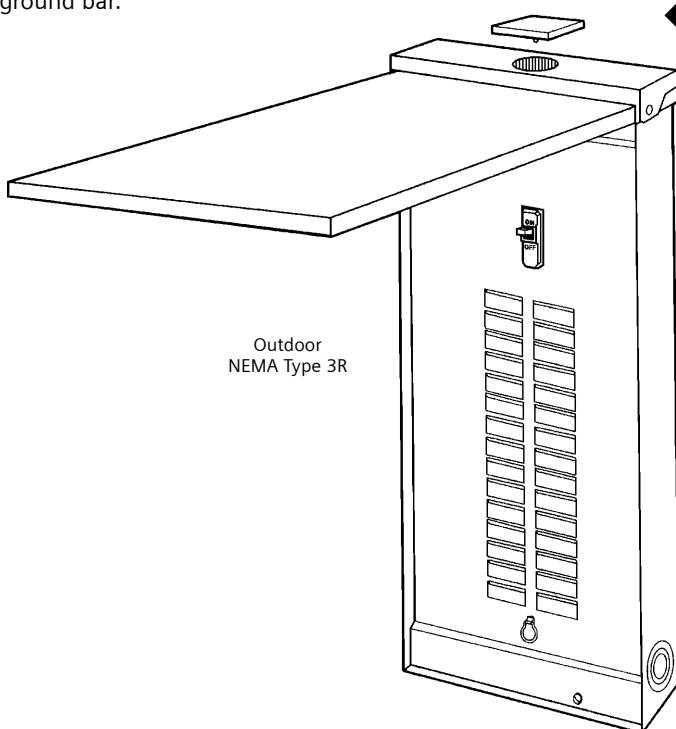
- UL Listed.
- Copper bus bars.
- Rigid trim with trim mounting tabs which free up both hands for driving trim screws.
- Circuit directory labels are included and can be applied next to branch breakers.
- Type MP-T circuit breakers from 60 to 100 amps can be installed as backfed main breakers using the ECMBR1 hold down kit.
- Type ET circuit breakers are not acceptable for use in Murray 3-phase load centers.
- Type MD-T circuit breakers are acceptable for use in load centers.
- The neutral tie strap can be removed, when replaced by the ECINTS kit, to make the left side neutral bar into a ground bar.



Positive Hook Rails



**New Rigid Trim!**



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# 3-Phase Load Centers

## Main Breaker and Main Lug Catalog Numbers

### Main Breaker Load Centers

24–42 Circuits / 100–225 Amperes

Branch Circuits			Indoor Enclosure – NEMA Type 1			Outdoor Enclosure – NEMA Type 3R		
Main Ampere Rating	Max. No. of 1-Pole Spaces	Copper Bus New <sup>①</sup> Catalog Number	Old Catalog Number	Enclosure Height (inches) <sup>②</sup>	Copper Bus New Catalog Number <sup>①</sup>	Old Catalog Number	Enclosure Height (inches) <sup>③</sup>	
<b>3 Phase, 4 Wire SN</b>								
100	12	24	<b>LC1224B3100CU</b>	LP112DC	21	–	–	–
100	18	36	<b>LC1836B3100CU</b>	LP118DC	24	–	–	–
150	30	42	<b>LC3042B3150CU</b>	LP230EC	36	–	–	–
200	30	42	<b>LC3042B3200CU</b>	LP230PC	36	<b>LW3042B3200CU</b>	LZ230PR	37
200	42	42	<b>LC4242B3200CU</b>	LP242PC	42	–	–	–
225	42	42	<b>LC4242B3225CU</b>	LP242QC	42	–	–	–

### Main Lug Load Centers <sup>⑤</sup>

24–42 Circuits / 125–225 Amperes

Branch Circuits			Indoor Enclosure – NEMA Type 1			Outdoor Enclosure – NEMA Type 3R		
Main Ampere Rating	Max. No. of 1-Pole Spaces	Copper Bus New <sup>①</sup> Catalog Number	Old Catalog Number	Enclosure Height (inches)	Copper Bus New <sup>①</sup> Catalog Number	Old Catalog Number	Enclosure Height (inches)	
<b>3 Phase, 4 Wire SN</b>								
125	12	24	<b>LC1224L3125CU</b>	LP012DC	18	<b>LW1224L3125CU</b>	LW912DR	22
150	18	36	<b>LC1836L3150CU</b> <sup>⑥</sup>	LP018EC	24	<b>LW1836L3150CU</b>	LW918ER	25
150	24	42	<b>LC2424L3150CU</b>	LP024EC	30	–	–	–
200	18	36	<b>LC1836L3200CU</b>	LP018PC	30	–	–	–
200	30	42	<b>LC3042L3200CU</b>	LP030PC	36 <sup>④</sup>	<b>LW3042L3200CU</b>	LW930PR	34
225	42	42	<b>LC4242L3225CU</b>	LP042QC	39	–	–	–

<sup>①</sup> When a 22,000A and 42,000A IR main circuit breaker is required, add the suffix “-22” or “-42” respectively to the standard catalog number. This series listed change allows 10,000A IR branch breakers to be used in the load center.

<sup>②</sup> Indoor enclosures are 14-3/8" wide by 3-15/16" deep.

<sup>③</sup> Outdoor enclosures are 14-1/4" wide by 3-15/16" deep.

<sup>④</sup> These catalog numbers were previously in 33" enclosures prior to the introduction of the new trim.

<sup>⑤</sup> Suitable for use as service entrance equipment when a main breaker (100A max.) is backfed in a branch position, and used with main breaker retainer clip MBR1.

<sup>⑥</sup> Suitable for use as service entrance equipment when a main breaker (100A max.) is backfed

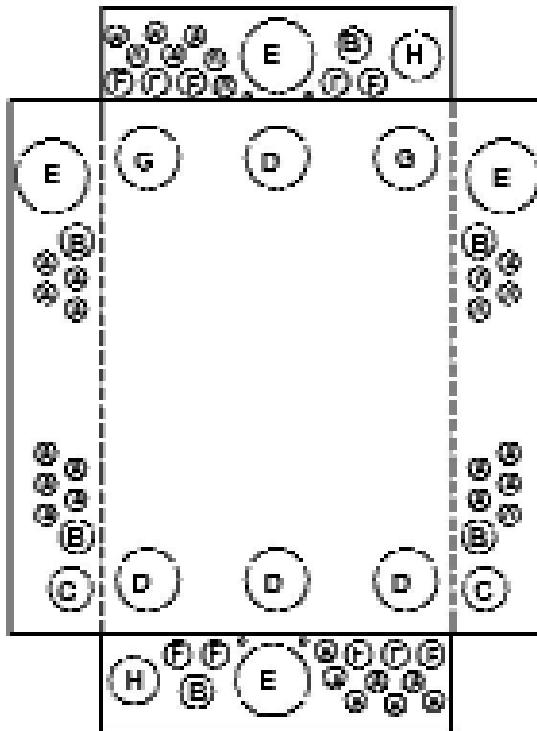
<sup>⑦</sup> Factory installed 100% neutral with factory bonded 100% ground. No neutral tie strap.

<sup>⑧</sup> Comes with feed-thru lugs.

# 3-Phase Load Centers

## Knockout Diagram

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Indoor Knockout Diagram

A = 1/2"

B = 1/2", 3/4", 1"

C = 3/4", 1", 1-1/4"

D = 1-1/4", 1-1/2", 2"

E = 1-1/4", 1-1/2", 2", 2-1/2"

F = 1/2", 3/4"

G = 1", 1-1/4", 1-1/2", 2"

H = 1/2", 3/4", 1", 1-1/4", 1-1/2"