

Trough & Phase Block Selection

Line Troughs

(Use Selection Chart #2 and Specification Chart #2)

Knowing the number of meter **stacks**, (not meter positions!) and the height and width requirements, select quantity and catalog number of stacks from Selection Chart #2. For specs, refer to Specification Chart #2

Breaker Troughs

(Use Selection Chart #2 and Specification Chart #3)

Using the total number of meter **stacks**, (not meter positions!), select the quantity and catalog number of breaker troughs from Selection Chart #2 and spec from Specification Chart #3. Use MP-T style breakers only. Breakers not included.

Phase Blocks

(Use Selection Chart #2 and Specification Chart #4)

Using the number of meter stacks and the incoming power supply, use Selection Chart #2 to determine the quantity and catalog number of phase blocks for line and neutral termination. Spec these from Specification Chart #4.

Selection Chart #2—Line Trough, Breaker Trough and Phase Block Selection

No. of Meter Stacks in Bank	Line Trough Selection			Breaker Trough Selection			Phase Block Section			
	Left Trough	Middle Trough	Right Trough	Left Trough	Middle Trough	Right Trough	3 Phase, 4 Wire System		1 Phase, 3 Wire System	
							Line Blocks	Neutral Block	Line Blocks	Neutral Block
3	ULT30 ^①	—	—	UBT30	—	—	(3) UPB3	(1) UPB3	(2) UPB3	(1) UPB3
4	ULT40 ^②	—	—	UBT40	—	—	(3) UPB3	(1) UPB6	(2) UPB6	(1) UPB6
5	ULT50	—	—	UBT50	—	—	(3) UPB6	(1) UPB6	(2) UPB6	(1) UPB6
6	ULT30 ^③	—	ULT30	UBT30 ^③	—	UBT30	(3) UPB6	(1) UPB6	(2) UPB6	(1) UPB6
7	ULT40 ^③	—	ULT30	UBT40 ^③	—	UBT30	(3) UPB6	(1) UPB12	(2) UPB12	(1) UPB12
8	ULT40 ^③	—	ULT40	UBT40 ^③	—	UBT40	(3) UPB6	(1) UPB12	(2) UPB12	(1) UPB12
9	ULT50 ^③	—	ULT40	UBT50 ^③	—	UBT40	(3) UPB6	(1) UPB12	(2) UPB12	(1) UPB12
10	ULT50 ^③	—	ULT50	UBT50 ^③	—	UBT50	(3) UPB12	(1) UPB12	(2) UPB12	(1) UPB12
11	ULT40 ^④	ULT40	ULT30	UBT40 ^④	UBT40	UBT30	(3) UPB12	(1) UPB12	(2) UPB12	(1) UPB12
12	ULT40 ^④	ULT40	ULT40	UBT40 ^④	UBT40	UBT40	(3) UPB12	(1) UPB12	(2) UPB12	(1) UPB12

- ① Spacer ULT10SP is required if line conductors exceed #6 AWG.
 ② Spacer ULT10SP is required if line conductors exceed #350 kcmil.
 ③ Requires (1) UCP1216 Coupler Kit. Kit provides coupling straps for both line and breaker troughs.
 ④ Requires (2) UCP1216 Coupler Kits. Kit provides coupling straps for both line and breaker troughs.

Specification Chart #2—Line Troughs
240V AC max. 1 Phase or 3 Phase

Stack Positions	Width ^① (Inches)	Catalog Number
2	20	ULT20 ^②
3	30	ULT30
4	40	ULT40
5	50	ULT50

- ① Line troughs are 12" high.
 ② Will not accommodate Phase Blocks.

Specification Chart #3—Breaker Troughs^①

Stack Positions	Width ^① (Inches)	Catalog Number
2	20	UBT20
3	30	UBT30
4	40	UBT40
5	50	UBT50

- ① Use Murray Type MP-T circuit breakers. Breakers not included.
 ② Height is 16".

Specification Chart #4—Phase Blocks
240V AC max. 1 Phase or 3 Phase

Number of Take-off Lugs	Catalog Number	Wire Range	
		Line ^①	Load
3	UPB3	3/8 x 16 Stud	#6 - #4/0
6	UPB6	3/8 x 16 Stud	#6 - #4/0
12	UPB12	3/8 x 16 Stud	#6 - #4/0

- ① Requires separate line lug kit.