

Panelboards

A-Series™ II Panelboards

Pro-Stock, Unassembled Lighting Panels

Section 11

④ Select Main and/or Sub-feed Breaker Kit

Select main breaker kit appropriate for your interior type (see Step 1), amp rating and kAIC rating. If a sub-feed breaker is required, repeat the selection process.

Note: 400A and 600A breaker kits cannot be used for sub-feed applications in Pro-Stock panelboards.

For additional details, see Section 6 of the BuyLog.

Interior Type	Product Number ¹	Rating Amps	No. of Poles	Breaker Rating (kAIC)						
				10	14	22	25	65	100	200
AQU1: 240 VAC 1 Phase	MB612	100	2	THQB		THHQB				
	MB614	100	4	(2) THQB		(2) THHQB				
	MB512	225	2	TQD		THQD				
	MB332	400	2					SGHA	SGLA	SGPA
	MB331WB	400	3					SGDA+Kit		
	MB335WB	400	2					SGDA+Kit		
	MB334WB	400	3					SGDA+Kit		
	MB336WB	400	2					SGDA+Kit		
	MB332	600	2					SGHA	SGLA	SGPA
	MB332WB	600	2					SGHA+Kit		
AQU3: 208/120 VAC, 3 Phase	MB613	100	3	THQB		THHQB				
	MB616	100	6	(2) THQB		(2) THHQB				
	MB513	225	3	TQD		THQD				
	MB516	400	6	(2) TQD		(2) THQD				
	MB233	225	3					SFHA	SFLA	SFPA
	MB233WB	225	3					SFHA+Kit		
	MB2332 ⁵	400	6 ⁵					2nd SFHA		
	MB2332WB ⁵	400	6 ⁵					2nd SFHA+Kit		
	MB333	400	3					SGHA	SGLA	SGPA
	MB331WB	400	3					SGDA+Kit		
	MB335WB	400	2					SGDA+Kit		
	MB334WB	400	3					SGDA+Kit		
	MB336WB	400	2					SGDA+Kit		
	MB333	600	3					SGHA	SGLA	SGPA
	MB333WB	600	3					SGHA+Kit		
AEU3: 480/277 Vac, 3 Phase	MB423	100	3		TEY					
	MB426	100	6		(2) TEY					
	MB133	150	3		TED ²		THED			
	MB133	150	3				SEHA	SELA	SEPA	
	MB133WB	150	3				SEHA+Kit			
	MB233	225	3				SFHA ⁴	SFLA	SFPA	
	MB233WB	225	3				SFHA+Kit ⁴			
	MB2332 ⁵	400	6 ⁵				2nd SFHA ⁴			
	MB2332WB ⁵	400	6 ⁵				2nd SFHA+Kit ⁴			
	MB333	400	3				SGHA ⁴	SGLA	SGPA	
	MB334WB	400	3				SGDA+Kit			
	MB336WB	400	2				SGDA+Kit			
	MB333	600	3				SGHA ⁴	SGLA	SGPA	
	MB333WB	600	3				SGHA+Kit ⁴			

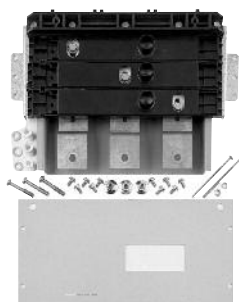
¹Breaker not included except for "WB" kits (where product number ends in "WB"). "WB" kits include a breaker, mounting kit and load-side lugs. Rating plugs must be ordered separately.

²Actual breaker rating is 18kAIC.

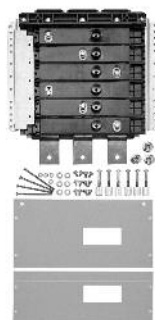
³Actual breaker rating is 30kAIC.

⁴Actual breaker rating is 35kAIC.

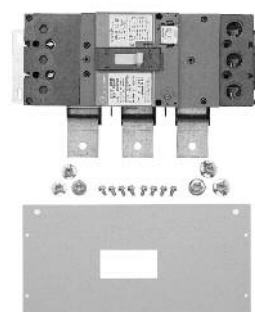
⁵To achieve 6 poles of subfeed, the MB233WB or MB233 kit is also required. 6 poles of subfeed only work with 400A and 600A interiors.



MB513 Breaker Kit



MB516 6-Pole Breaker Kit



MB233WB "WB" Breaker Kit

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5 Typical Main Breakers

- Skip Step 5 if you selected a main breaker kit ending in “WB” — no breaker is required.
- To correlate breaker types with the kAIC rating in specific panelboards, see the table for Step 4. For more rating details, see A-Series™ II Lighting Panels Rating Series Labels (DEH-40007).

- All TQD and Spectra™ main breakers require line-side lugs.
- For TEY and THQB main breakers, see branch breakers tables in Step 7.

Digital, Solid State Spectra™ RMS Breakers (3-pole) For use with appropriate main breaker kit (see Step 4).

Breaker			Rating Plug ¹		Terminal Lugs for Front Connection ²				
Poles	Current Sensor	Product Number	Amp Rating	Product Number	Product Number	Wire Range (Cu/Al)			
3	100	SEDA36AT0100	100	SRPE100A100	TCAL18	#12-3/0			
		SEHA36AT0100							
		SELA36AT0100							
		SEPA36AT0100							
		SEDA36AT0150							
		SELA36AT0150							
	150	SELA36AT0150	110	SRPE150A110	TCAL29	#8-350 MCM			
		SEPA36AT0150	125	SRPE150A125					
			150	SRPE150A150					
		250	SFHA36AT0250	70			SRPF250A70	TCLK365	Al: (2) 2/0-500 MCM or (1) #6-600 MCM Cu: (2) 2/0-400 MCM or (1) #8-600 MCM
			SFLA36AT0250	90			SRPF250A90		
			SFPA36AT0250	100			SRPF250A100		
			110	SRPF250A110					
			125	SRPF250A125					
			150	SRPF250A150					
	3	400	SGHA36AT0400	175	SRPF250A175	TCLK265			
SGLA36AT0400			200	SRPF250A200					
SGPA36AT0400			225	SRPF250A225					
			125	SRPG400A125					
			150	SRPG400A150					
			175	SRPG400A175					
			200	SRPG400A200					
			225	SRPG400A225					
2	400	SGHA26AT0400	250	SRPG400A250	TCLK365				
		SGLA26AT0400	300	SRPG400A300					
		SGPA26AT0400	350	SRPG400A350					
			400	SRPG400A400					
			250	SRPG600A250					
			300	SRPG600A300					
3	600	SGLA36AT0600	350	SRPG600A350	TCLK265				
		SGPA36AT0600	400	SRPG600A400					
			500	SRPG600A500					
			600	SRPG600A600					
2	600	SGLA26AT0600			TCLK365				
		SGPA26AT0600							

¹Any rating plug within a given current sensor group may be paired with any breaker in that group.

²Except for “WB” kits, lugs must be ordered separately for Spectra™ breakers. All Spectra™ breakers also require an appropriate rating plug.

Main or subfeed breakers for use with AQ panels (208/120 Vac 3-phase or 240 Vac single phase). See Step 4.

Amp Rating	2-pole		3-pole	
	10kAIC	22kAIC	10kAIC	22kAIC
	Product ³ Number	Product Number	Product ³ Number	Product Number
100	TQD22100X2	THQD22100X2	TQD32100X2	THQD32100X2
125	TQD22125X2	THQD22125X2	TQD32125X2	THQD32125X2
150	TQD22150X2	THQD22150X2	TQD32150X2	THQD32150X2
175	TQD22175X2	THQD22175X2	TQD32175X2	THQD32175X2
200	TQD22200X2	THQD22200X2	TQD32200X2	THQD32200X2
225	TQD22225X2	THQD22225X2	TQD32225X2	THQD32225X2
250	—	TJD422250L2	—	TJD432250L3
300	—	TJD422300L2	—	TJD432300L3
350	—	TJD422350L2	—	TJD432350L3
400	—	TJD422400L2	—	TJD432400L3

Main or subfeed breakers for use with AE panels (480/277 Vac 3-phase). See Step 4.

Amp Rating	3-pole		
	18kAIC	22kAIC	30kAIC
	Product Number	Product Number	Product Number
100	TED134110WL	THED134110WL	MB233WB
125	TED134125WL	THED134125WL	MB233WB
150	TED134150WL	THED134150WL	MB233WB
175	—	—	MB233WB
200	—	—	MB233WB
225	—	—	MB233WB
250	—	—	TJJ436250L3
300	—	—	TJJ436300L3
350	—	—	TJJ436350L3
400	—	—	TJJ436400L3

³Any load-side lugs on TQD breakers must be removed before assembly. TQD breakers with X2 product number suffix feature line-side lugs only.