

# Panelboards

## A-Series™ Panelboards

### Pro-Stock, Unassembled Lighting Panels

#### 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™ 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).

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

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

<sup>2</sup>Except 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 <sup>3</sup> Number		Product Number		Product <sup>3</sup> 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		
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

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

