

# 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	TCL18	#12-3/0
		SEHA36AT0100				
		SELA36AT0100				
		SEPA36AT0100				
	150	SEDA36AT0150	110	SRPE150A110		
		SELA36AT0150	125	SRPE150A125		
3	250	SFLA36AT0250 SFPA36AT0250	70	SRPF250A70	TCL29	#8-350 MCM
			90	SRPF250A90		
			100	SRPF250A100		
			110	SRPF250A110		
			125	SRPF250A125		
			150	SRPF250A150		
	400	SGHA36AT0400 SGLA36AT0400 SGPA36AT0400	175	SRPF250A175	TCLK365	Al: (2) 2/0-500 MCM or (1) #6-600 MCM Cu: (2) 2/0-400 MCM or (1) #8-600 MCM
			200	SRPF250A200		
			225	SRPF250A225		
			125	SRPG400A125		
			150	SRPG400A150		
			175	SRPG400A175		
2	400	SGHA26AT0400 SGLA26AT0400 SGPA26AT0400	200	SRPG400A200	TCLK265	
			225	SRPG400A225		
			250	SRPG400A250		
			300	SRPG400A300		
3	600	SGLA36AT0600 SGPA36AT0600	350	SRPG400A350	TCLK365	
			400	SRPG400A400		
			250	SRPG600A250		
			300	SRPG600A300		
2	600	SGLA26AT0600 SGPA26AT0600	350	SRPG600A350	TCLK265	
			400	SRPG600A400		
			500	SRPG600A500		
			600	SRPG600A600		

<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 Product <sup>3</sup> Number	22kAIC Product Number	10kAIC Product <sup>3</sup> Number	22kAIC 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 Product Number	22kAIC Product Number	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.

