

Pro-Stock Panelboard, Unassembled A-Series Lighting Panels

Typical Main Breakers

- Skip Step 5 if you selected a “WB” (with breaker) kit in Step 4.
- 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.
- Any load-side lugs on TQD breakers must be removed before assembly. TQD breakers with X2 product number suffix already feature line-side lugs only.
- Except for “WB” kits, lugs must be ordered separately for Spectra breakers. All Spectra breakers also require an appropriate rating plug.
- 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 ¹			Terminal Lugs for Front Connection							
	Current Sensor	Product Number	List Price, GO-135S	Amp Rating	Product Number	List Price, GO-135S	Product Number	List Price, GO-135S	Wire Range (Cu/Al)					
3	100	SEDA36AT0100	\$492.00	100	SRPE100A100	\$106.00	TCAL18	\$3.00	#12-3/0					
		SEHA36AT0100	\$734.00											
		SELA36AT0100	\$895.00											
		SEPA36AT0100	\$1482.00											
	150	SEDA36AT0150	\$1253.00	110	SRPE150A110	\$106.00								
		SELA36AT0150	\$2165.00	125	SRPE150A125	\$106.00								
		SEPA36AT0150	\$3477.00	150	SRPE150A150	\$106.00								
				70	SRPF250A70	\$106.00								
	250	SFLA36AT0250 SFPA36AT0250	\$2631.00 \$3490.00	90	SRPF250A90	\$106.00				TCAL29	\$8.00	#8-350 MCM		
				100	SRPF250A100	\$106.00								
				110	SRPF250A110	\$106.00								
				125	SRPF250A125	\$106.00								
150				SRPF250A150	\$106.00									
175				SRPF250A175	\$106.00									
200				SRPF250A200	\$106.00									
225				SRPF250A225	\$106.00									
3				400	\$2383.00 \$3487.00 \$4653.00	125	SRPG400A125	\$106.00	TCLK365				\$42.00	Al: (2) 2/0-500 MCM or (1) #6-600 MCM Cu: (2) 2/0-400 MCM or (1) #8-600 MCM
						150	SRPG400A150	\$106.00						
	175	SRPG400A175	\$106.00											
	200	SRPG400A200	\$106.00											
	225	SRPG400A225	\$106.00											
2	400	\$1959.00 \$2926.00 \$3856.00	250	SRPG400A250	\$106.00	TCLK265	\$28.00							
			300	SRPG400A300	\$106.00									
			350	SRPG400A350	\$106.00									
			400	SRPG400A400	\$106.00									
3	600	\$4270.00 \$5548.00	250	SRPG600A250	\$106.00	TCLK365	\$42.00							
			300	SRPG600A300	\$106.00									
			350	SRPG600A350	\$106.00									
2	600	\$3545.00 \$4607.00	400	SRPG600A400	\$106.00	TCLK265	\$28.00							
			500	SRPG600A500	\$106.00									
			600	SRPG600A600	\$106.00									

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

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 Number	List Price, GO-135F	Product Number	List Price, GO-135F	Product Number	List Price, GO-135F	Product Number	List Price, GO-135F
100	TQD22100	\$233.00	THQD22100	\$552.00	TQD32100	\$617.00	THQD32100	\$883.00
125	TQD22125	\$233.00	THQD22125	\$552.00	TQD32125	\$617.00	THQD32125	\$883.00
150	TQD22150	\$233.00	THQD22150	\$552.00	TQD32150	\$617.00	THQD32150	\$883.00
175	TQD22175	\$233.00	THQD22175	\$552.00	TQD32175	\$617.00	THQD32175	\$883.00
200	TQD22200	\$233.00	THQD22200	\$552.00	TQD32200	\$617.00	THQD32200	\$883.00
225	TQD22225	\$233.00	THQD22225	\$552.00	TQD32225	\$617.00	THQD32225	\$883.00
250	-	-	TJD422250X2	\$1466.00	-	-	TJD432250X2	\$1760.00
300	-	-	TJD422300X2	\$1466.00	-	-	TJD432300X2	\$1760.00
350	-	-	TJD422350X2	\$1466.00	-	-	TJD432350X2	\$1760.00
400	-	-	TJD422400X2	\$1466.00	-	-	TJD432400X2	\$1760.00

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	List Price, GO-135B	Product Number	List Price, GO-135B	Product Number	List Price, GO-135B
110	TED134110	\$1198.00	THED134110	\$1683.00	MB233WB	-
125	TED134125	\$1198.00	THED134125	\$1683.00	MB233WB	-
150	TED134150	\$1198.00	THED134150	\$1683.00	MB233WB	-
175	-	-	-	-	MB233WB	-
200	-	-	-	-	MB233WB	-
225	-	-	-	-	MB233WB	-
250	-	-	-	-	TJJ436250X2	\$2531.00
300	-	-	-	-	TJJ436300X2	\$2531.00
350	-	-	-	-	TJJ436350X2	\$2531.00
400	-	-	-	-	TJJ436400X2	\$2531.00

²See Step 4 table for List Price (GO-101P) for MB233WB.

Publications and Reference: See Section 21 for a list of additional product-related publications



Circuit Breaker Interrupting Ratings

Fully Rated

Molded Case Circuit Breakers Interrupting Ratings

Construction		Molded Case Circuit Breakers		Rated Volts		Federal Specs C/B Class W-C-375B	UL Listed Interrupting Ratings in Thousand Amps rms Symmetrical									
							ac Volts					dc volts				
Frame	Trip Range (Amps)	No. Poles	ac	dc		120	120/240	240	277	347	480Y/277	480	600Y/347	600	125	250
HQ Frames	THQB, THQL	15-70	1	120/240	—	12a	10	10	—	—	—	—	—	—	—	—
		15-125	2	120/240	—	12a	—	10	—	—	—	—	—	—	—	—
		15-100	2, 3	240	—	12b	—	—	10	—	—	—	—	—	—	—
HHQ Frames	THHQL, THHQB	15-70	1	120/240	—	14a	22	22	—	—	—	—	—	—	—	—
		15-125	2	120/240	—	14a	—	22	—	—	—	—	—	—	—	—
		15-100	2, 3	240	—	14b	—	—	22	—	—	—	—	—	—	—
XQ Frames	TXQL, TXQB	15-30	1, 2	120/240	—	15a	—	65	—	—	—	—	—	—	—	—
		15-30	3	240	—	15b	—	—	65	—	—	—	—	—	—	—
Standard Frames	TEY	15-100	1	277	125	—	—	—	65	14	—	—	—	—	10	—
		15-100	2, 3	480Y/277	250	—	—	—	65	—	14	—	—	—	—	10
	THEY	15-30	1	277	—	—	—	—	—	25	—	—	—	—	—	—
		15-100	2,3	480/277	—	—	—	—	—	—	25	—	—	—	—	—
	TEB	15-100	1	120	125	12a	10	10	—	—	—	—	—	—	5	—
		15-100	2	240	250	12b	—	—	10	—	—	—	—	—	—	5
	TEB	15-100	3	240	—	12b	—	—	10	—	—	—	—	—	—	—
		15-100	3	240	—	12b	—	—	10	—	—	—	—	—	—	—
	TED ¹	15-100	1	277, 347	125	13a	—	—	—	14	10	—	1	—	10	—
	TED4	15-100	2	480	250	13b	—	—	18	—	—	—	18	—	—	10
	TED4	15-150	3	480	—	13b	—	—	18	—	—	—	18	—	—	—
	TED6	15-100	3	600	—	18a	—	—	18	—	—	—	18	14	—	—
	TED6	110-150	3	600	—	N/A	—	—	18	—	—	—	18	14	—	—
	SEH	15-150	2,3	600	—	—	—	—	65	—	—	—	25	18	—	—
	TOD	125-225	2, 3	240	—	12b	—	—	10	—	—	—	—	—	—	—
	TFJ	70-225	2	480	250	20a	—	—	25	—	—	—	22	—	—	10
	TFK	70-225	2	480	250	20a	—	—	25	—	—	—	22	—	—	10
	TFJ	70-225	3	600	—	20a	—	—	25	—	—	—	22	18	—	—
	TFK	70-225	3	600	—	20a	—	—	25	—	—	—	22	18	—	—
	SFH	70-250	3	600	—	20a, 22a	—	—	65	—	—	—	35	18	—	—
TJD	250-400	2, 3	240	250 ²	14b	—	—	22	—	—	—	—	—	—	10	
SGH4	125-400	2, 3	600	—	21a	—	—	65	—	—	—	35	25	—	—	
SGH6	250-600	2, 3	600	—	—	—	—	65	—	—	—	35	25	—	—	
SKH8	300-800	3	600	—	21a, 23a	—	—	65	—	—	—	35	25	—	—	
SKH12	600-1200	3	600	—	21a, 23a	—	—	65	—	—	—	35	25	—	—	
Hi-Break Frames	THED ¹	15-30	1	347	125	13a	—	—	65	18	—	—	—	—	20 ³	—
		15-100	2	480	250	22a	—	—	65	—	—	—	25	—	—	20 ³
	THED4	110-150	3	480	—	—	—	—	42	—	—	25	—	—	—	
	THED6	15-100	3	600	—	22a	—	—	65	—	—	25	18	—	—	
	THED6	110-150	3	600	—	N/A	—	—	42	—	—	25	18	—	—	
	THQD	125-225	2, 3	240	—	N/A	—	—	22	—	—	—	—	—	—	—
	THFK	70-225	2, 3	600	250 ²	20a	—	—	65	—	—	25	18	—	20 ³	
	THJK4	125-400	2, 3	600	250 ²	23a	—	—	65	—	—	35	25	—	20 ³	
	THJK6	250-600	2, 3	600	250 ²	23a	—	—	65	—	—	35	25	—	20 ³	
	THKM8	300-800	2, 3	600	250 ²	23a	—	—	65	—	—	35	25	—	20 ³	
	THKM12	600-1200	2, 3	600	—	23a	—	—	65	—	—	35	25	—	—	

¹ TED/THED, IP-347V-30A Max., device is suitable for 10kAIC at 480 Vac, but not labeled or listed.

² 3-pole devices are not dc rated.

³ DC ratings above 10,000 AIC are not UL Listed.



PANELBOARDS

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