

Section 1

(Product number for illustrative purposes only)

Product Number Guide for Q-Line Plug-in Circuit Breakers

(Product number for illustrative purposes only)

*Omit character for THQP breakers, which are all 120/240V.



Residential Load Centers

Q-Line Plug-in Circuit Breakers

UL Listed (Molded Case Circuit Breakers No. 489)

Federal Government Specification Qualified (WC-375B)

60°C / 75°C Conductor Rating

Quick Make, Quick Break

Box Type Terminals

Section 1

Q-Line Plug-in Circuit Breakers Specifications

Breaker Type	Ampere Rating	Wire Size AWG/kcmil ¹	
		Cu	Al
THQP	15-25	14-8	12-8
	30-50	8-4	8-4
THQL	15-30	14-8	12-8
	35-60	8-3	8-3
THHQL	70-100	6-1/0	4-1/0
TXQL	110-125	2-2/0	2-2/0
TQDL	125-200	1/0-250	1/0-250
THQDL	125-200	1/0-250	1/0-250

¹Solid or stranded for 14-10 AWG

Q-Line Plug-in Circuit Breakers

Ampere Rating	10,000AIC						22,000AIC				65,000AIC	
	Type THQP 1/2-inch Module		Type THQL 1-inch Module				Type THHQL 1-inch Module				Type TXQL 1-inch Module	
	120/240 Vac		120/240 Vac		240 Vac		120/240 Vac		240 Vac		120/240 Vac	
	Product Number	List Price GO-138A	Product Number	List Price GO-138A	Product Number	List Price GO-138	Product Number	List Price GO-138A	Product Number	List Price GO-138	Product Number	List Price GO-138A
Single Pole ¹												
15 ²	THQP115	\$20.25	THQL115	\$20.25	-	-	THHQL115	\$40.25	-	-	TXQL115	\$74.75
20 ²	THQP120	\$20.25	THQL1120	\$20.25	-	-	THHQL1120	\$40.25	-	-	TXQL1120	\$74.75
25	THQP125	\$20.25	THQL1125	\$20.25	-	-	THHQL1125	\$40.25	-	-	TXQL1125	\$74.75
30	THQP130	\$20.25	THQL1130	\$20.25	-	-	THHQL1130	\$40.25	-	-	TXQL1130	\$74.75
35	THQP135	\$21.25	THQL1135	\$21.25	-	-	THHQL1135	\$41.25	-	-	-	-
40	THQP140	\$21.25	THQL1140	\$21.25	-	-	THHQL1140	\$41.25	-	-	-	-
45	THQP145	\$21.25	THQL1145	\$21.25	-	-	THHQL1145	\$41.25	-	-	-	-
50	THQP150	\$21.25	THQL1150	\$21.25	-	-	THHQL1150	\$41.25	-	-	-	-
Std. Pkg.	5 cartons of 20		5 cartons of 10				5 cartons of 10				5 cartons of 10	

Two-Pole³: Incorporates Internal Common Trip Bar

15	THQP215	\$46.00	THQL2115	\$46.00	THQL22015	\$133.00	THHQL2115	\$93.00	THHQL22015	\$193.00	TXQL2115	\$186.00
20	THQP220	\$46.00	THQL2120	\$46.00	THQL22020	\$133.00	THHQL2120	\$93.00	THHQL22020	\$193.00	TXQL2120	\$186.00
25	THQP225	\$46.00	THQL2125	\$46.00	THQL22025	\$133.00	THHQL2125	\$93.00	THHQL22025	\$193.00	TXQL2125	\$186.00
30	THQP230	\$46.00	THQL2130	\$46.00	THQL22030	\$133.00	THHQL2130	\$93.00	THHQL22030	\$193.00	TXQL2130	\$186.00
35	THQP235	\$47.75	THQL2135	\$47.75	THQL22035	\$133.00	THHQL2135	\$97.00	THHQL22035	\$193.00	-	-
40	THQP240	\$47.75	THQL2140	\$47.75	THQL22040	\$133.00	THHQL2140	\$97.00	THHQL22040	\$193.00	-	-
45	THQP245	\$47.75	THQL2145	\$47.75	THQL22045	\$133.00	THHQL2145	\$97.00	THHQL22045	\$193.00	-	-
50	THQP250	\$47.75	THQL2150	\$47.75	THQL22050	\$133.00	THHQL2150	\$97.00	THHQL22050	\$193.00	-	-
60	-	-	THQL2160	\$47.75	THQL22060	\$133.00	THHQL2160	\$97.00	THHQL22060	\$193.00	-	-
70	-	-	THQL2170	\$95.00	THQL22070	\$156.00	THHQL2170	\$148.00	THHQL22070	\$251.00	-	-
80	-	-	THQL2180	\$131.00	THQL22080	\$221.00	THHQL2180	\$210.00	THHQL22080	\$277.00	-	-
90	-	-	THQL2190	\$131.00	THQL22090	\$221.00	THHQL2190	\$210.00	THHQL22090	\$277.00	-	-
100	-	-	THQL21100	\$131.00	THQL22100	\$221.00	THHQL21100	\$210.00	THHQL22100	\$277.00	-	-
110	-	-	THQL21110	\$284.00	-	-	THHQL21110	\$686.00	-	-	-	-
125	-	-	THQL21125	\$284.00	-	-	THHQL21125	\$686.00	-	-	-	-
Std. Pkg.	5 cartons of 10		5 cartons of 5		5 cartons of 5		5 cartons of 5		5 cartons of 5		5 cartons of 5	
125	-	-	TQDL21125 ⁴	\$296.00	-	-	THQDL21125 ⁴	\$713.00	-	-	-	-
150	-	-	TQDL21150 ⁴	\$296.00	-	-	THQDL21150 ⁴	\$713.00	-	-	-	-
175	-	-	TQDL21175 ⁴	\$296.00	-	-	THQDL21175 ⁴	\$713.00	-	-	-	-
200	-	-	TQDL21200 ⁴	\$296.00	-	-	THQDL21200 ⁴	\$713.00	-	-	-	-
Std. Pkg.			10 cartons of 1				10 cartons of 1					

Three-Pole³: Incorporates Internal Common Trip Bar

15	-	-	-	-	THQL32015	\$165.00	-	-	THHQL32015	\$251.00	TXQL32015	\$348.00 ⁵
20	-	-	-	-	THQL32020	\$165.00	-	-	THHQL32020	\$251.00	TXQL32020	\$348.00 ⁵
25	-	-	-	-	THQL32025	\$165.00	-	-	THHQL32025	\$251.00	TXQL32025	\$348.00 ⁵
30	-	-	-	-	THQL32030	\$165.00	-	-	THHQL32030	\$251.00	TXQL32030	\$348.00 ⁵
35	-	-	-	-	THQL32035	\$165.00	-	-	THHQL32035	\$251.00	-	-
40	-	-	-	-	THQL32040	\$165.00	-	-	THHQL32040	\$251.00	-	-
45	-	-	-	-	THQL32045	\$165.00	-	-	THHQL32045	\$251.00	-	-
50	-	-	-	-	THQL32050	\$165.00	-	-	THHQL32050	\$251.00	-	-
60	-	-	-	-	THQL32060	\$165.00	-	-	THHQL32060	\$251.00	-	-
70	-	-	-	-	THQL32070	\$216.00	-	-	THHQL32070	\$329.00	-	-
80	-	-	-	-	THQL32080	\$245.00	-	-	THHQL32080	\$359.00	-	-
90	-	-	-	-	THQL32090	\$245.00	-	-	THHQL32090	\$359.00	-	-
100	-	-	-	-	THQL32100	\$245.00	-	-	THHQL32100	\$359.00	-	-
Std. Pkg.					5 cartons of 3				5 cartons of 3		5 cartons of 3	

¹UL Listed as HACR (heating, air conditioning and refrigeration).

²UL Listed as SWD (switching duty). Suitable for 120 volts ac fluorescent lighting loads.

³15-100 amp UL Listed as HACR (heating air conditioning and refrigeration).

⁴Requires four 1-inch spaces.

⁵GO-138



THQP130



THQP230



THQL1120



THQL2140



THQL32015



TQDL21200

References:

Accessories Pages

1-24 thru 1-29

Auxiliary Switches and Shunt Trips

BuyLog pages 3-39 thru 3-41.



Publications and Reference: See Section 22 for a complete list of additional product-related publications

Residential Load Centers Special Purpose Circuit Breakers

60°C / 75°F Conductor Rating

Box Type Terminals

Quick-Make, Quick-Break

Multi-pole Breakers Incorporate Internal Common Trip

PowerMark Gold Main Circuit Breakers for use with 150A-225A PowerMark Gold Load Centers (Includes mounting base)

UL Listed.

Main Circuit Breaker Kits

22,000 AIC		
Ampere Rating	Product Number	List Price GO-138M
100	THQMV100D	\$259.00
125	THQMV125D	\$259.00
150	THQMV150D	\$259.00
175	THQMV175D	\$259.00
200	THQMV200D	\$259.00
225	THQMV225D	\$259.00

PowerMark Gold Main Circuit Breaker Kit

For use with 125A PowerMark Gold load Centers; 22kAIC RMS symmetrical; For bottom feed, also purchase TRL22 door handle.

Description	Product Number	List Price GO-138M
Main Circuit Breaker Kit - Order appropriate THQL 10kAIC or THHQL 22kAIC breakers separately	TQMH000	\$55.50

Arc Fault

UL Listed (Molded Case Circuit Breakers No. 489 and Arc-Fault Circuit Interrupters No. 1699).

Ampere Rating	1-Pole, 120/240 Volts ac ¹		1 Pole, 120/240 Volts ac ²		2-Pole 120/240 Volts ac ¹	
	Product Number	List Price GO-146A	Product Number	List Price GO-146A	Product Number	List Price GO-146A
10,000 AIC						
15	THQL1115AF	\$170.00	THQL1115AF2	\$300.00	THQL2115AF	\$385.00
20	THQL1120AF	\$170.00	THQL1120AF2	\$300.00	THQL2120AF	\$385.00
22,000 AIC						
15	THHQL1115AF	\$326.00	THHQL1115AF2	\$500.00	THHQL2115AF	\$701.00
20	THHQL1120AF	\$326.00	THHQL1120AF2	\$500.00	THHQL2120AF	\$701.00
Std. Pkg.	20 Cartons of 1			10 Cartons of 1		

¹Branch/feed AFCI compliant with 2002 NEC® or earlier

²Combination AFCI compliant with 2005 and 2008 NEC® and UL1699 (Feb. 2008)

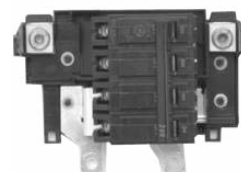
CB3 Ground Fault

UL Listed (Molded Case Circuit Breakers No. 489 and Ground Fault Circuit Interrupters No. 943). Class A (.005 ampere ground fault trip level).

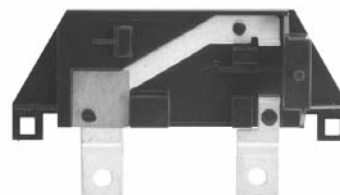
Ampere Rating	1-Pole, 120/240 Volts ac		2-Pole, 120 Volts ac	
	Product Number	List Price GO-146	Product Number	List Price GO-146
10,000 AIC				
15	THQL1115GF	\$159.00	THQL2115GF1	\$282.00
20	THQL1120GF	\$159.00	THQL2120GF1	\$282.00
30	THQL1130GF	\$159.00	THQL2130GF1	\$282.00
40	-	-	THQL2140GF1	\$282.00
50	-	-	THQL2150GF1	\$702.00
22,000 AIC				
15	THHQL1115GF	\$311.00	-	-
20	THHQL1120GF	\$311.00	-	-
30	THHQL1130GF	\$311.00	-	-
Std. Pkg.	10 cartons of 1		10 cartons of 1	

Section 1

Page Updated 05 / 2008



THQMVXXXD



TQMH000



Arc Fault



THQL1120GF



Tri-Break® Line

- Integrally Fused Thermal Magnetic Circuit Breakers
- Integrally Fused Magnetic Circuit Breakers
- Integrally Fused Molded Case Switches

These breakers are available in three types. Type TB1 (15-100 amperes) product numbers include frame, trip, line and load lugs, and current limiters all factory assembled. TB6 (300 to 600 amperes) and TB8 (600 to 800 amperes) include frame, trip and limiters, factory assembled, but do not include line or load lugs. If line and load lugs are required, order separately. Unless otherwise noted, TB1, TB6, and TB8 breaker components are UL listed in File E-42263. Fused molded case switches are UL listed in File E-57546.

Mag-Break Line

- Magnetic only circuit breakers (motor circuit protectors)

These breakers are available only with noninterchangeable adjustable magnetic trip, in frame Types E, F, J, K, and Tri-Break®. All breakers are shipped factory assembled, complete with Cu/Al line and load lugs.

All magnetic only circuit breakers and limiters are UL Component Recognized in Files E-11592 and E-66390, respectively, unless otherwise noted.

Spectra® RMS

- Circuit Breakers

Determine the required breaker frame, IC rating, and load requirements. Select frame, trip unit (rating plug), and lug, if required, product numbers from the tables on pages 3-46 to 3-54. For Spectra® breakers with MicroVersaTrip® Plus or MicroVersaTrip® PM Trip Units refer to pages 3-57 through 3-65. Select field-mounted internal accessory product numbers, if required, on pages 3-70 and 3-71. Select field-mounted external accessory product numbers, if required, on pages 3-97 through 3-107 and pages 3-66 to 3-69 for Spectra® breakers with MicroVersaTrip® Plus or MicroVersaTrip® PM Trip Units. Order as separate items.

- Mag-Break Motor Circuit Protectors

Determine the required frame and ampere requirements. Select frame, trip unit (rating plug), and lug, if required, product numbers from the table on pages 3-73 through 3-75. Select accessories as noted above for circuit breakers. The same accessories are used with both circuit breakers and motor circuit protectors. Order as separate items.

- Molded Case Switches

Determine the required frame and ampere requirements. Select frame and lug, if required, product numbers from the table on page 3-72. Rating plugs are not used. Select accessories as noted above for circuit breakers. Internal accessories do not require dummy trips. The same accessories are used with both circuit breakers and molded case switches. Order as separate items.

Unless otherwise noted, all circuit breakers are UL listed in File E-11592. Molded case switches are UL listed in File E-57546. Field-Installable Internal Accessories are UL listed in File E-57253. Distribution Cable Accessories for MicroVersaTrip® Plus Trip Units and MicroVersaTrip® PM Trip Units are UL listed in File E-57253.

Accessories

Order accessories from the appropriate table:

- Thermal Magnetic Circuit Breakers, Magnetic Circuit Breakers, and Molded Case Switches¹—pages 3-39 to 3-45 and 3-97 to 3-107.
- Spectra® RMS Breakers—pages 3-70 to 3-71 and 3-97 to 3-107.
- Spectra® RMS Breakers with MicroVersaTrip® Plus Trip Units or MicroVersaTrip® PM Trip Units—pages 3-66 to 3-71, and 3-96 to 3-107.

¹Installation of accessories in molded case switches requires dummy trip; see page 3-45 for information. Dummy trip not required for Tri-Break® or Q-Line molded case switches.

Molded Case Circuit Breaker and Switch Terminal Configuration Code

Order standard Cu/Al lugs by using suffix codes presented. Order lugs separately if special lugs are required. For optional lugs, see pages 3-101 and 3-102.

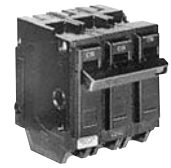
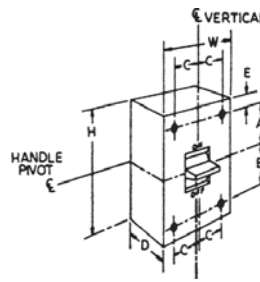
Breaker/Switch Type	Suffix				
	Blank	WL	XL	X2	LL
TQD/TJD	Load Lugs Only	Line and Load Lugs	—	Line Lugs Only	No Lugs
Molded Case Breakers, Thermal Magnetic	Load Lugs Only	Line and Load Lugs	—	Load Lugs Only	No Lugs
Molded Case Switch	Line and Load Lugs	—	No Lugs	Line Lugs Only	Load Lugs Only
Spectra RMS™ Breakers	No Lugs			Order Lugs Separately	
Mine Duty™ Breakers	No Lugs			Order Lugs Separately	
Mag-Break® Breakers	Line and Load Lugs	—	—	—	—



Quick Reference Guide

Ratings do not apply to molded case switches.

The interruption ratings and voltages shown in the table are maximum ratings. A circuit breaker of the type given in the left-hand column may be applied at the given circuit voltage in any electrical distribution system where the available fault current at the load terminals of the breaker does not exceed the value in the table. That circuit breaker type may also be applied at intermediate values of circuit voltage provided the available fault current at the load terminals of the breaker does not exceed the value in the table for the higher value of voltage.



THQL 32015

Q-Line (UL file E-11592; Fixed Thermal Magnetic Trip Unit)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings—rms Symmetrical kA								Dimensions (in.)								Std. Pack
					Vac						Vdc										
			ac	dc	120	120/240	240	277	480	600	125	250	H	W	D	A	B	C	E		
TQ	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3	3/4	2 3/8	—	—	—	—	10	
	15-60	2	120/240	—	—	10	—	—	—	—	—	—	3	1 1/2	2 3/8	—	—	—	—	5	
THQP ¹	15-50	1	120/240	—	—	10	—	—	—	—	—	—	3 9/32	1/2	2 3/8	—	—	—	—	100	
		2												1						50	
TQL/TQB/TQC	10	1	120/240	—	—	5 ²	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
		2												2						25	
		3												240						3	15
THQL ¹ THQB ¹ THQC ¹	15-70	1	120/240	—	—	10	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
	15-125	2												2						25	
	15-100	3												240						3	15
THHQB ¹ THHQC ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
	15-100	2												2						25	
		3												240						3	15
THHQL ¹	15-70	1	120/240	—	—	22	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
	15-125	2												2						25	
	15-100	3												240						3	15
TXQL ¹ TXQB ¹ TXQC ¹	15-30	1	120/240	—	—	65	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	50	
		2												2						25	
		3												240						3	15
TQDL	125-200	2	120/240	—	—	10	—	—	—	—	—	—	6 1/16	2	2 3/8	—	—	—	—	12	
THQDL	125-200	2	120/240	—	—	22	—	—	—	—	—	—	6 1/16	2	2 3/8	—	—	—	—	12	
TQD ¹	100-225	2	240	—	—	10	10	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	1	
	100-225	3	240			—	10							11/16				1			
THQD ¹	100-225	2	240	—	—	22	22	—	—	—	—	—	6 9/16	2 3/4	2 5/8	2 7/16	2 7/16	—	27/32	1	
	100-225	3	240			—	22							11/16				1			
TJD	250-400	2	240	—	—	22	22	—	—	—	—	10	10 1/8	8 1/4	3 13/16	3 15/16	3 13/16	1 3/8	1 3/16	1	
		3	240			—	22													1	

CB3 Ground Fault, Equipment Ground Fault and Arc Fault (UL File E-51075; Fixed Thermal Magnetic Trip Unit)

THQB THQC ...GF, GFEP, AF	15-30	1	120	—	10	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10
		2	120/240	—	—	1	—	—	—	—	—	—	—	3 9/32	2	2 3/8	—	—	—	—	10
THHQL ...GF THHQB ...GF AF	15-30	1	120	—	22	—	—	—	—	—	—	—	—	3 9/32	1	2 3/8	—	—	—	—	10

¹ UL listed as HACR (heating, air conditioning and refrigeration).

² Not UL listed.



Molded Case Circuit Breakers

Q-Line Circuit Breakers

Plug-in Circuit Breakers
120/240V Class

Section 3

TQL and THQL 120/240 Vac

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number	List Price GO-138A
1	10 ⁴		5kA	TQL1110	\$20.00
1	15 ²	(1) 14-8 Cu/12-8 Al	10kA	THQL1115	\$20.25
1	20 ²	(1) 14-8 Cu/12-8 Al	10kA	THQL1120	\$20.25
1	25	(1) 14-8 Cu/12-8 Al	10kA	THQL1125	\$20.25
1	30	(1) 14-8 Cu/12-8 Al	10kA	THQL1130	\$20.25
1	35	(1) 8-3 Cu/8-3 Al	10kA	THQL1135	\$21.25
1	40	(1) 8-3 Cu/8-3 Al	10kA	THQL1140	\$21.25
1	45	(1) 8-3 Cu/8-3 Al	10kA	THQL1145	\$21.25
1	50	(1) 8-3 Cu/8-3 Al	10kA	THQL1150	\$21.25
1	60	(1) 8-3 Cu/8-3 Al	10kA	THQL1160	\$21.25
1	70	(1) 6-1/0 Cu/4-1/0 Al	10kA	THQL1170	\$42.50



THQL1120

TQL and THQL 120/240 Vac, Internal Common Trip

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number	List Price GO-138A
2	10 ⁴		5kA	TQL2110	\$46.00
2	15	(1) 14-8 Cu/12-8 Al	10kA	THQL2115	\$46.00
2	20	(1) 14-8 Cu/12-8 Al	10kA	THQL2120	\$46.00
2	25	(1) 14-8 Cu/12-8 Al	10kA	THQL2125	\$46.00
2	30	(1) 14-8 Cu/12-8 Al	10kA	THQL2130	\$46.00
2	35	(1) 8-3 Cu/8-3 Al	10kA	THQL2135	\$47.75
2	40	(1) 8-3 Cu/8-3 Al	10kA	THQL2140	\$47.75
2	45	(1) 8-3 Cu/8-3 Al	10kA	THQL2145	\$47.75
2	50	(1) 8-3 Cu/8-3 Al	10kA	THQL2150	\$47.75
2	60	(1) 8-3 Cu/8-3 Al	10kA	THQL2160	\$47.75
2	70	(1) 6-1/0 Cu/4-1/0 Al	10kA	THQL2170	\$95.00
2	80	(1) 6-1/0 Cu/4-1/0 Al	10kA	THQL2180	\$131.00
2	90	(1) 6-1/0 Cu/4-1/0 Al	10kA	THQL2190	\$131.00
2	100	(1) 6-1/0 Cu/4-1/0 Al	10kA	THQL21100	\$131.00
2	110	(1) 2-2/0 Cu/2-2/0 Al	10kA	THQL21110	\$284.00
2	125	(1) 2-2/0 Cu/2-2/0 Al	10kA	THQL21125 ³	\$284.00



THQP130

THQP 120/240 Vac

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number	List Price GO-138A
1	15	14-8 Cu/12-8 Al	10kA	THQP115	\$20.25
1	20	14-8 Cu/12-8 Al	10kA	THQP120	\$20.25
1	25	14-8 Cu/12-8 Al	10kA	THQP125	\$20.25
1	30	8-4 Cu/8-4 Al	10kA	THQP130	\$20.25
1	35	8-4 Cu/8-4 Al	10kA	THQP135	\$21.25
1	40	8-4 Cu/8-4 Al	10kA	THQP140	\$21.25
1	45	8-4 Cu/8-4 Al	10kA	THQP145	\$21.25
1	50	8-4 Cu/8-4 Al	10kA	THQP150	\$21.25

THQP 120/240 Vac, Internal Common Trip

# of Poles	Ampere Rating	Wire Range ¹	120/240 Vac Interrupting Rating	Product Number	List Price GO-138A
2	15	14-8 Cu/12-8 Al	10kA	THQP215	\$46.00
2	20	14-8 Cu/12-8 Al	10kA	THQP220	\$46.00
2	25	14-8 Cu/12-8 Al	10kA	THQP225	\$46.00
2	30	8-4 Cu/8-4 Al	10kA	THQP230	\$46.00
2	35	8-4 Cu/8-4 Al	10kA	THQP235	\$47.75
2	40	8-4 Cu/8-4 Al	10kA	THQP240	\$47.75
2	45	8-4 Cu/8-4 Al	10kA	THQP245	\$47.75
2	50	8-4 Cu/8-4 Al	10kA	THQP250	\$47.75



THQP230

¹Solid or stranded for 14-10 AWG.

²UL listed as SWD (Switching Duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.

³Recommended for use as main or submain breaker only.

⁴Not UL listed.

UL listed as HACR (heating, air conditioning and refrigeration).



Publications and Reference: See Section 22 for a complete list of additional product-related publications

Panelboards

A-Series® Panelboards

Types

Section 9

Panelboard Types

Item	A-Series					Column Type Panels			Distribution Panels
	AL Pg. 9-17	AQ Pg. 9-26	AE Pg. 9-35	AD/AD Plus Pg. 9-48	Lighting Control Panel Pg. 9-55	ALC Pg. 9-66	AQC Pg. 9-70	AEC Pg. 9-74	Spectra Pg. 9-81
Max. Voltage	240Vac	240Vac	480Y/277Vac ¹ 125/250Vdc	600Vac	480Y/277Vac	240Vac	240Vac	480/277Vac 125/250Vdc	600Vac 250Vdc
Max. Main Lug Amperes	800A	800A	800A	800A	400A	225A	225A	225A	1200A
Max. Main Breaker or Switch Amperes	800A	800A	800A	800A	400A	225A	225A	225A	1200A
Main Devices	THQB, THHQB, TQD, THQD, TEY, TJD, TFJ	TEY, TFJ, TJJ		THED, TFJ, TJJ	TEY, SE, TFJ, SF, TJJ, SG	THQB, THHQB, TQD, THQD, TEY, TFJ, SE, SF	TEY, TFJ, SE, SF		SF, SG, SK, ADS Switches, FB, FC, FE, FG
Branches Max. Amps	100A	100A	100A	100A-1 ph, 2ph 150A-3 ph	100A	100A	100A	80A-8 1/2 Box 80A-7 1/2 Box	1200A
Branch Devices	THQL, THHQL	THQB, THHQB, TXQB (Bolt-on)	TEY	FB, TED, THED, SE	TEYRC, TEY, THQBGF	THQL, THHQL	THQB, THHQB, TXQB (Bolt on)	TEY	TED, SE, SF, SG, SK, THQB, THHQB, TEY, TQD, ADS Switches, FB, FC, FE, FG
Subfeeds Max. Amps (100% Rated)	225	225	225	225	225	150	150	150	—
Subfeed Breaker Types	TQD, THQD	TQD, THQD	TED, TFJ, SE, SF	TED, TFJ, SE, SF	TED, TFJ, SE, SF	TQD, THQD	TQD, THQD	TED	—

A-Series® Standard Main Breaker Types and Ratings

IC Ratings	Voltage	Panel Type																
		AQ/AL					AE / Lighting Control Panel					AD / AD Plus						
		100A	225A	400A ³	600A ³	800A ³	150A	225A	400A	600A	800A	150A	225A	400A	600A	800A		
10	240	THQB	TQD/TFJ	SKHA8														
22	240	THHQB	THQD	TJD	SGHA6													
65	240	TEY	SFHA	SGHA4	SGHA6	SFHA ⁴		SGHA4 ⁴	SGHA6									
100	240	SEL	SFL	SGL	SGL6													
200	240	SEP	SFP	SGPA4														
14 ²	480Y/277						TEY ⁴	TFJ ⁴	SGHA/TJJ ⁴	SGHA6	SKHA8	TED	TFJ	TJJ				
35	480Y/277											SEHA	SFHA	SGHA4	SGHA6			
18	SKHA8																	
25							SEHA ⁴	SFHA ⁴				SEHA	SFHA					
65	480Y/277						SELA ⁴	SFLA ⁴	SGLA4	SGLA6								
100	480Y/277						SEPA ⁴	SFPA				SEPA	SFPA	SGPA4	SGPA6			
14 ²	480											TED	TFJ	TJJ	SGHA6			
65	480											SELA	SFLA	SGLA4	SGLA6			
100	480											SEPA	SFPA	SGPA4	SGLA6			
18 ²	600											THED	TFJ	TJJ	SGHA6	SKHA6		
25	600											SELA	SFLA	SGHA4	SGHA6			
35k ²	600Y/347											SEPA	SFPA	SGPA4	SGPA6			

¹AE Panels are suitable for use on 3-PH, 3W applications when derived from 3PH, 4W 480V/277 service where the neutral is not connected to the panel. For 3ph-Delta use AD Panels.

²Not series rated.

³Not available in column panelboards.

⁴Light Control Panel ratings.

