

Load Centers and Circuit Breakers

Q-Line Plug-in Circuit Breakers

Section 1

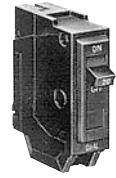
UL Listed (Molded Case Circuit Breakers No. 489)
 Federal Government Specification Qualified (WC-375B)
 60°C / 75°C Conductor Rating
 Quick Make, Quick Break
 Box Type Terminals



THQP130



THQP230



THQL1120



THQL2140



THQL32015

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 |
| THHQL | 35-60 | 8-3 | 8-3 |
| TXQL | 70-100 | 6-1/0 | 4-1/0 |
| | 110-125 | 2-2/0 | 2-2/0 |

¹Solid or stranded for 14-10 AWG

Q-Line Plug-in Circuit Breakers

| 120/240 Vac 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 | Product Number | Product Number | Product Number | Product Number | Product Number | Product Number |
| Single Pole ¹ | | | | | | |
| 15 ² | THQP115 | THQL1115 | - | THHQL1115 | - | TXQL1115 |
| 20 ² | THQP120 | THQL1120 | - | THHQL1120 | - | TXQL1120 |
| 25 | THQP125 | THQL1125 | - | THHQL1125 | - | TXQL1125 |
| 30 | THQP130 | THQL1130 | - | THHQL1130 | - | TXQL1130 |
| 35 | THQP135 | THQL1135 | - | THHQL1135 | - | - |
| 40 | THQP140 | THQL1140 | - | THHQL1140 | - | - |
| 45 | THQP145 | THQL1145 | - | THHQL1145 | - | - |
| 50 | THQP150 | THQL1150 | - | THHQL1150 | - | - |
| 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 | THQL2115 | THQL22015 ⁴ | THHQL2115 | THHQL22015 ⁴ | TXQL2115 |
| 20 | THQP220 | THQL2120 | THQL22020 ⁴ | THHQL2120 | THHQL22020 ⁴ | TXQL2120 |
| 25 | THQP225 | THQL2125 | THQL22025 ⁴ | THHQL2125 | THHQL22025 ⁴ | TXQL2125 |
| 30 | THQP230 | THQL2130 | THQL22030 ⁴ | THHQL2130 | THHQL22030 ⁴ | TXQL2130 |
| 35 | THQP235 | THQL2135 | THQL22035 ⁴ | THHQL2135 | THHQL22035 ⁴ | - |
| 40 | THQP240 | THQL2140 | THQL22040 ⁴ | THHQL2140 | THHQL22040 ⁴ | - |
| 45 | THQP245 | THQL2145 | THQL22045 ⁴ | THHQL2145 | THHQL22045 ⁴ | - |
| 50 | THQP250 | THQL2150 | THQL22050 ⁴ | THHQL2150 | THHQL22050 ⁴ | - |
| 60 | - | THQL2160 | THQL22060 ⁴ | THHQL2160 | THHQL22060 ⁴ | - |
| 70 | - | THQL2170 | THQL22070 ⁴ | THHQL2170 | THHQL22070 ⁴ | - |
| 80 | - | THQL2180 | THQL22080 ⁴ | THHQL2180 | THHQL22080 ⁴ | - |
| 90 | - | THQL2190 | THQL22090 ⁴ | THHQL2190 | THHQL22090 ⁴ | - |
| 100 | - | THQL21100 | THQL22100 ⁴ | THHQL21100 | THHQL22100 ⁴ | - |
| 110 | - | THQL21110 | - | THHQL21110 | - | - |
| 125 | - | THQL21125 | - | THHQL21125 | - | - |
| 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 |

Three-Pole³: Incorporates Internal Common Trip Bar

| | | | | | | |
|-----------|---|---|----------------|---|----------------|----------------|
| 15 | - | - | THQL32015 | - | THHQL32015 | TXQL32015 |
| 20 | - | - | THQL32020 | - | THHQL32020 | TXQL32020 |
| 25 | - | - | THQL32025 | - | THHQL32025 | TXQL32025 |
| 30 | - | - | THQL32030 | - | THHQL32030 | TXQL32030 |
| 35 | - | - | THQL32035 | - | THHQL32035 | - |
| 40 | - | - | THQL32040 | - | THHQL32040 | - |
| 45 | - | - | THQL32045 | - | THHQL32045 | - |
| 50 | - | - | THQL32050 | - | THHQL32050 | - |
| 60 | - | - | THQL32060 | - | THHQL32060 | - |
| 70 | - | - | THQL32070 | - | THHQL32070 | - |
| 80 | - | - | THQL32080 | - | THHQL32080 | - |
| 90 | - | - | THQL32090 | - | THHQL32090 | - |
| 100 | - | - | THQL32100 | - | THHQL32100 | - |
| 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).

⁴Required for three-phase and High Leg Delta Systems only.

References:

| | |
|------------------------------------|-----------------------------|
| Accessories Pages | 1-24 thru 1-30 |
| Auxiliary Switches and Shunt Trips | BuyLog pages 6-40 thru 6-42 |



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| | 30-50 | 8-4 | 8-4 |
| THQL | 15-30 | 14-8 | 12-8 |
| THHQL | 35-60 | 8-3 | 8-3 |
| TXQL | 70-100 | 6-1/0 | 4-1/0 |
| | 110-125 | 2-2/0 | 2-2/0 |

¹Solid or stranded for 14-10 AWG

Q-Line Plug-in Circuit Breakers

| 120/240 Vac 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 | Product Number | Product Number | Product Number | Product Number | Product Number |
| Single Pole ¹ | | | | | | |
| 15 ² | THQP115 | THQL1115 | - | THHQL1115 | - | TXQL1115 |
| 20 ² | THQP120 | THQL1120 | - | THHQL1120 | - | TXQL1120 |
| 25 | THQP125 | THQL1125 | - | THHQL1125 | - | TXQL1125 |
| 30 | THQP130 | THQL1130 | - | THHQL1130 | - | TXQL1130 |
| 35 | THQP135 | THQL1135 | - | THHQL1135 | - | - |
| 40 | THQP140 | THQL1140 | - | THHQL1140 | - | - |
| 45 | THQP145 | THQL1145 | - | THHQL1145 | - | - |
| 50 | THQP150 | THQL1150 | - | THHQL1150 | - | - |
| 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 | THQL2115 | THQL22015 ⁴ | THHQL2115 | THHQL22015 ⁴ | TXQL2115 |
| 20 | THQP220 | THQL2120 | THQL22020 ⁴ | THHQL2120 | THHQL22020 ⁴ | TXQL2120 |
| 25 | THQP225 | THQL2125 | THQL22025 ⁴ | THHQL2125 | THHQL22025 ⁴ | TXQL2125 |
| 30 | THQP230 | THQL2130 | THQL22030 ⁴ | THHQL2130 | THHQL22030 ⁴ | TXQL2130 |
| 35 | THQP235 | THQL2135 | THQL22035 ⁴ | THHQL2135 | THHQL22035 ⁴ | - |
| 40 | THQP240 | THQL2140 | THQL22040 ⁴ | THHQL2140 | THHQL22040 ⁴ | - |
| 45 | THQP245 | THQL2145 | THQL22045 ⁴ | THHQL2145 | THHQL22045 ⁴ | - |
| 50 | THQP250 | THQL2150 | THQL22050 ⁴ | THHQL2150 | THHQL22050 ⁴ | - |
| 60 | - | THQL2160 | THQL22060 ⁴ | THHQL2160 | THHQL22060 ⁴ | - |
| 70 | - | THQL2170 | THQL22070 ⁴ | THHQL2170 | THHQL22070 ⁴ | - |
| 80 | - | THQL2180 | THQL22080 ⁴ | THHQL2180 | THHQL22080 ⁴ | - |
| 90 | - | THQL2190 | THQL22090 ⁴ | THHQL2190 | THHQL22090 ⁴ | - |
| 100 | - | THQL21100 | THQL22100 ⁴ | THHQL21100 | THHQL22100 ⁴ | - |
| 110 | - | THQL21110 | - | THHQL21110 | - | - |
| 125 | - | THQL21125 | - | THHQL21125 | - | - |
| 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 |

Three-Pole³: Incorporates Internal Common Trip Bar

| | | | | | | |
|-----------|---|---|----------------|---|----------------|----------------|
| 15 | - | - | THQL32015 | - | THHQL32015 | TXQL32015 |
| 20 | - | - | THQL32020 | - | THHQL32020 | TXQL32020 |
| 25 | - | - | THQL32025 | - | THHQL32025 | TXQL32025 |
| 30 | - | - | THQL32030 | - | THHQL32030 | TXQL32030 |
| 35 | - | - | THQL32035 | - | THHQL32035 | - |
| 40 | - | - | THQL32040 | - | THHQL32040 | - |
| 45 | - | - | THQL32045 | - | THHQL32045 | - |
| 50 | - | - | THQL32050 | - | THHQL32050 | - |
| 60 | - | - | THQL32060 | - | THHQL32060 | - |
| 70 | - | - | THQL32070 | - | THHQL32070 | - |
| 80 | - | - | THQL32080 | - | THHQL32080 | - |
| 90 | - | - | THQL32090 | - | THHQL32090 | - |
| 100 | - | - | THQL32100 | - | THHQL32100 | - |
| 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.

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