

Specification Guide

Application

Main Breaker Loadcentre

- 120/240V, 100A-200A, 24-80 Circuits, 1Ø, 3W
- 120/208V, 100A-200A, 12-84 Circuits, 3Ø, 4W

Main Lugs Loadcentre

- 120/240V, 60-200A, 2-80 Circuits, 1Ø, 3W
- 120/208V, 125A-200A, 12-42 Circuits, 3Ø, 4W

Circuit Breakers

- 1 Pole 15-70 Amp
- 2 Pole 15-200 Amp
- 3 Pole 15-100 Amp

Specification Guide – Loadcentres.

Indoor loadcentre enclosures and trims are formed of cold rolled, code gauge steel. All devices are finished with ASA 61 gray paint (electro deposition painting process).

The combination flush/surface trim is flat and plumb in appearance. The door latch design secures the door to the trim to keep it from opening in the event of fault conditions. The enclosures and interiors provide 4¼" (108 mm) side wiring gutters for branch circuits. Main bus bars are formed of cold rolled, one piece tin plated (acid bath tin, zincate process) aluminum. Main lugs, neutral assemblies, and ground bars are suitable for copper or aluminum conductors and comply with the requirements of CSA. The exclusive split neutral gives a neutral termination at every breaker position, and is mounted, along with bus bars, on a base part made of engineered resin. Loadcentre is suitable for 65,000 AIC maximum. CSA listed for 60/75YC wiring applications; ratings are as

follows: loadcentre main terminals 60/75YC cu/al wire; branch breaker terminals–60/75YC cu/al wire. All loadcentres are CSA listed under file #13069.

Individual circuit breakers are thermal magnetic, quick-make quick-break, trip free, plug-in construction. All two and three pole breakers are common trip. All circuit breakers are CSA listed under file #14374.

Breakers 125 Amp and below are available at 10 and 22 K.A. I.C.

*Series rating labels on all loadcentres.






Loadcentres

SELECTION

Type Q with INSTA-WIRE



| Selection and Ordering Data | | | |
|--|---|-----------------------|-------------------------|
|  <p>Q115</p> | Full Module (1" per pole) 10,000 A.I.C | | |
| | Single Pole | | |
| | Ampere Rating | Catalog Number | Standard Package |
| | 15 | Q115 ① | 48 |
| | 20 | Q120 ① | 48 |
| | 25 | Q125 | 48 |
| | 30 | Q130 | 48 |
| | 40 | Q140 | 48 |
| | 50 | Q150 | 48 |
| | 60 | Q160 | 48 |
| | 70 | Q170 | 48 |
| | Two Pole Common Trip | | |
| | 15 | Q215 | 24 |
| | 20 | Q220 | 24 |
| | 25 | Q225 | 24 |
| | 30 | Q230 | 24 |
| | 40 | Q240 | 24 |
| | 50 | Q250 | 24 |
| | 60 | Q260 | 24 |
| 70 | Q270 | 5 | |
| 80 | Q280 | 5 | |
| 90 | Q290 | 5 | |
| 100 | Q2100 | 5 | |
| 125 | Q2125 | 5 | |
| 150 | QN2150R | 1 | |
| 200 | QN2200R | 1 | |
| Three Pole Common Trip | | | |
| 15 | Q315 | 3 | |
| 20 | Q320 | 3 | |
| 25 | Q325 | 3 | |
| 30 | Q330 | 3 | |
| 40 | Q340 | 3 | |
| 50 | Q350 | 3 | |
| 60 | Q360 | 3 | |
| 70 | Q370 | 3 | |
| 90 | Q390 | 2 | |
| 100 | Q3100 | 2 | |
| Half Module (1/2" per pole) 10,000 A.I.C. | | | |
| | Poles | Amps | Cat. No. ① |
|  <p>Q1515NC</p> | QT Dual (Twin) | 15-15 | Q1515NC |
| | | 15-20 | Q1520NC |
| | | 15-30 | Q1530NC |
| | | 15-40 | Q1540NC |
| | | 20-15 | Q2015NC |
| | | 20-20 | Q2020NC |
| | | 30-15 | Q3015NC |
| | | 30-20 | Q3020NC |
| | | 30-30 | Q3030NC |
| | | 40-15 | Q4015NC |
| Quad Type (1/2" per pole) 10,000 A.I.C. Common Trip - centre poles only. | | | |
| | Poles | Ampere Rating | Catalog Number ② |
|  <p>Q21515CTNC</p> | QT Quad | 15-15 | Q21515CTNC |
| | | 15-20 | Q21520CTNC |
| | | 15-25 | Q21525CTNC |
| | | 15-30 | Q21530CTNC |
| | | 15-40 | Q21540CTNC |

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① Typical catalog number (ie. Q1515NC) represents two single-pole 15A circuit breakers - total width 1"

② Typical catalog number (ie. Q21520CTNC) represents two single-pole, outer poles (two 15A 1-pole circuit breakers) and one 2-pole inner breaker with common trip (one 20A 2-pole circuit breaker) - total width 2".





③ Typical CSA Listed for frequent switching applications (SWD). 120V AC Fluorescent Lighting.

Loadcentres

Plug-in Branch Breakers

SELECTION



| Selection and Ordering Data | | | | |
|---|--|-----------------------------------|-------------------------|-------------------------|
|  <p>QF240</p>  <p>QE220</p>  <p>Q115AF</p>  <p>QSA1515</p> | Ground Fault Interrupters Full Module (1" per pole) 10 000 A.I.C. 5mA Sensitivity | | | |
| | Poles | Ampere Rating | Catalog Number | Standard Package |
| | 1 | 15 | QF115 | 30 |
| | 1 | 20 | QF120 | 30 |
| | 1 | 30 | QF130 | 30 |
| | 2 | 15 | QF215 | 10 |
| | 2 | 20 | QF220 | 10 |
| | 2 | 30 | QF230 | 10 |
| | 2 | 40 | QF240 | 10 |
| | 2 | 50 | QF250 | 10 |
| | 2 | 60 | QF260 | 10 |
| | QE Equipment Protection Full Module (1" per pole) 10,00 A.I.C. (30mA) Sensitivity | | | |
| | Poles | Ampere Rating | Catalog Number | Standard Package |
| 1 | 15 | QE115 | 1 | |
| 1 | 20 | QE120 | 1 | |
| 1 | 30 | QE130 | 1 | |
| 2 | 15 | QE215 | 1 | |
| 2 | 20 | QE220 | 1 | |
| 2 | 30 | QE230 | 1 | |
| 2 | 40 | QE240 | 1 | |
| 2 | 50 | QE250 | 1 | |
| 2 | 60 | QE260 | 1 | |
| Replacement Main Breakers for SEQ Loadcentres | | | | |
| 100A | EQ9675 | | 1 | |
| 125A | EQ9677 | | 1 | |
| 150A | EQ9683 | | 1 | |
| 200A | EQ9685 | | 1 | |
| Arc Fault Circuit Interrupters (1" pole) Full Module 10,000 A.I.C. & 22,000 A.I.C. | | | | |
| Poles | Ampere Rating | Catalog Number | Standard Package | |
| 1 | 15 | Q115AF | 20 | |
| 1 | 20 | Q120AF | 20 | |
| 1 | 15 | Q115AFH | 1 | |
| 1 | 20 | Q120AFH | 1 | |
| Surge Arrester Breakers c/w 2-1 pole (1/2" per pole) 10,000 A.I.C. | | | | |
| Poles | Ampere Rating | Catalog[®] Number | Standard Package | |
| 2 | 15 | QSA1515 | 1 | |
| 2 | 20 | QSA2020 | 1 | |

®-Typical catalog number (ie. QSA1515) represents two single-pole, outer poles (two 15A 1 pole circuit breakers) and one surge arrester inner - total width 2".