Applications and Descriptions

No.	Applications	Products
1	Miscellaneous Applications Standard Main Lugs Only Panel	 EQL Loadcentre –
2	Single Family	SEQ Loadcentre –
3	Duplex Units, Small Apartment Building, Small Professional and Commercial Building (Two to Six Units Maximum)	a) SEQ Service Entrance Equipment b) EQL Main Lugs Loadcentre for each Apartment Unit or Office (or EQIII Main Breaker Loadcentre)
4	Office Building Condo/Apartment Building (3Ø Application)	a) Switchboards b) Busways c) Modular Metering d) EQ4 Main Lugs Loadcentre for each unit (or EQ4 Main Breaker Loadcentre)
5	Small Industrial/Commercial Building 3Ø Application	a) Switchboards b) Busways c) 3Ø Modular Metering d) EQ4 Load Centres Main Lug Only or Main Circuit Breaker

A loadcentre is a metal enclosed distribution panel containing circuit breakers which distribute, protect and control lighting and power circuits in residential and light commercial applications, including single-family homes, townhouses, apartment buildings, and small office buildings.

All Siemens Loadcentres can be classified into two types: main lug or main circuit breaker. Each Siemens Loadcentre consists of three basic components: the enclosure, the interior, and the trim. The enclosure is used to contain the circuit breakers which mount on the interior. The trim seals the enclosure, offering protection to personnel from the environment.

A complete line of accessories which give Siemens Loadcentres flexibility. For example, Ground Fault Interrupters protect personnel, an important consideration with the stress placed on personnel protection by the CEC. Handle ties, handle blocking devices, padlocking devices and filler plates are also available. Neutral lug kits in a variety of wire range sizes.

Speeds Your Installation With Every Turn!

Included into all Loadcentres and Q Breakers

Loadcentres

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

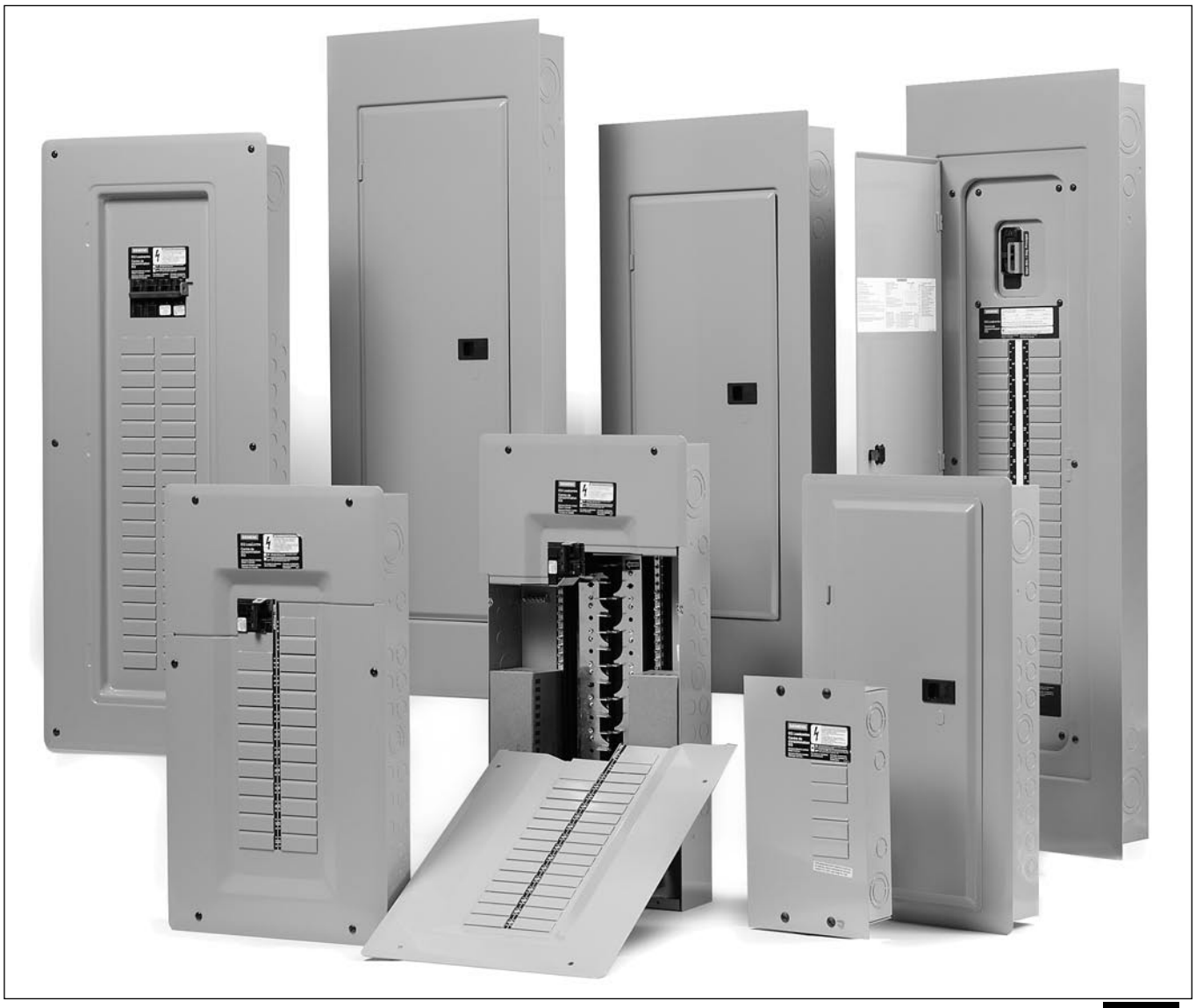
Specification Guide — Loadcentres. Indoor loadcentre enclosures and trims are formed of cold rolled, code gauge steel. All devices are finished with ASA 61 gray paint (electro deposition painting process).

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 60/75ϒC wiring applications; ratings are as follows: loadcentre main terminals 60/75ϒC cu/al wire; branch breaker terminals–60/75ϒC 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.



Type Q with INSTA-WIRE

INSTA WIRE™

Selection and Ordering Data

Q115

Q215

Q315

Q1515NC

Q21515CTNC

Full Module (1" per pole) 10,000 A.I.C

Single Pole		
Ampere Rating	**Catalog Number**	**Standard Package**
15	Q115 ③	48
20	Q120 ③	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	Std. Pkg.
QT Dual (Twin)	15-15	Q1515NC	48
	15-20	Q1520NC	48
	15-30	Q1530NC	48
	15-40	Q1540NC	48
	20-15	Q2015NC	48
	20-20	Q2020NC	48
	30-15	Q3015NC	48
	30-20	Q3020NC	48
	30-30	Q3030NC	48
	40-15	Q4015NC	48

Quad Type (1/2" per pole) 10,000 A.I.C. Common Trip - centre poles only.

Poles	Ampere Rating	Catalog ② Number	Std. Pkg.
QT Quad	15-15	Q21515CTNC	24
	15-20	Q21520CTNC	24
	15-25	Q21525CTNC	24
	15-30	Q21530CTNC	24
	15-40	Q21540CTNC	24

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.