

Loadcentres

Product Offering and Specification Guide

Description

Application

Main lug loadcentre,

- 1 Phase 3 W 120/240V, 60 to 200A, 2/4 - 40/80 circuits
- 3 Phase 4W 120/208V, 100 to 225A, 12 - 42 circuits
- Outdoor Type 3R, 1 Phase 3 W, 120/240V, 100 to 200A, 8/16 - 40/80 circuits

Main Breaker loadcentre,

- 1 Phase 3 W 120/240V, 60 to 200A, 12/24 - 60/120 circuits
- 3 Phase 4W 120/208V, 100 to 200A, 24 - 42 circuits
- Out door Type 3R, 1 Phase 3 W 120/240V, 100 to 200A, 16/32 - 40/80 circuits
- Dual certified loadcentre 1 Phase 3 W 120/240V, 100 to 200A, 38 circuits

Generator panel

- Generator Panel 3 Pole 1 Phase 3 W 120/240V, 30 to 100A, 6/12- 34/68 circuits
- Generator Panel 2 Pole 1 Phase 3 W 120/240V, 30 to 100A, 8/16 - 36/72 circuits

SPA panel

- Type 3R, 1Phase 3 W 120/240V, 125A, 4/8 circuits

Mini panel/ Enclosed breaker,

- Indoor, 1Phase 3 W 120/240V, 60 & 125A, 2 circuits
- Outdoor Type 3R, 1 Phase 3 W 120/240V, 60 & 125A, 3 & 2/4 - 4/8 circuits

Circuit breaker

Plug-in

Interrupting rating of 10kA

- Full module
 - 1 Pole 15-70 Amp
 - 2 Pole 15-200 Amp
 - 3 Pole 15-100 Amp
- Half module
 - Twin: two single-pole, 15-15 to 40-15 Amp
 - Quad: two single-pole and one 2-pole inner breaker, 15-15 to 15-40 Amp

Bolt-on

Interrupting rating of 10kA & 22kA

- Full module
 - 1 Pole 15-70 Amp
 - 2 Pole 15-125 Amp
 - 3 Pole 15-100 Amp

Ground fault circuit intrrupter

- 1 and 2 Pole, 15- 60A, 5 and 30mA sensitivity

Arc fault circuit intrrupter

Interrupting rating of 10kA & 22kA

- 1 Pole, 15 and 20 Amp

Surge arrester breakers

- Two single pole breakers and one surge arrester, 15 and 20 Amp

Surge protection device (SPD)

- Power service entrance surge protection
- Telephone service entrance surge protection
- Coaxial service entrance surge protection

Specification Guide - Loadcentres

Loadcentre enclosures and trims are formed of cold rolled, code gauge steel. All devices are finished with ANSI 61 grey paint (electro deposition painting process).

The combination flush/surface trim is flat and plumb in appearance. The Siemens Type 3R Loadcentre features industry exclusive gasketed door for improved weatherproof protection. The enclosures and interiors provide 4^{1/4}" (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. Copper bus is also available. Main lugs, neutral assemblies, and ground bars are suitable for copper or aluminum conductors and comply with the requirements of CSA. The extended capacity fully distributed neutrals give a neutral termination at every breaker position, and is mounted, along with bus bars, on a base part made of engineered resin. CSA listed for 60/75°C wiring applications; ratings are as follows: loadcentre main terminals 60/75°C cu/al wire; branch breaker terminals-60/75°C cu/al wire. All loadcentres are CSA listed under file #13069.

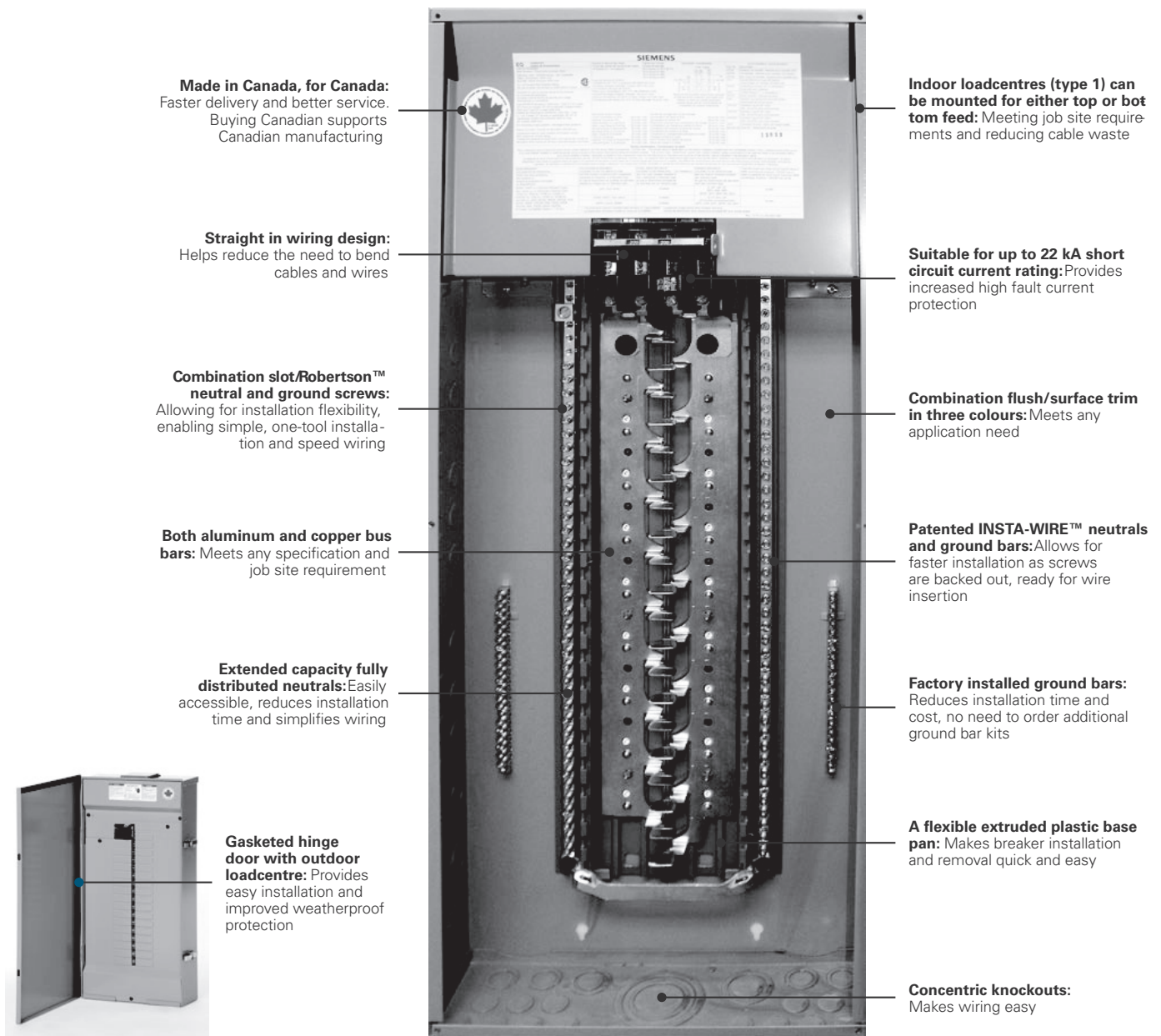
Individual circuit breakers are thermal magnetic, quick-make quick-break, trip free, plug-in construction. All two and three pole breakers are common trip. All circuit breakers are CSA listed under file #14374.

*Series rating labels on all loadcentres.



Loadcentres

Product Features and Customer Benefits



Features and Benefits

Siemens provides the broadest product portfolio related to single and multifamily applications. Flexibility, innovation and quality are the hallmarks of Siemens products for single and multi-family applications providing the customer with unmatched value. One example is our quick-make quick-break circuit breakers which give homeowners peace of mind and fast acting circuit protection. Our whole house surge protection solutions, arc fault and ground fault circuit interrupters provide additional protection against the risks of electrocution, fire hazard and property damage. With the comprehensive selection of options and accessories, Siemens loadcentres and breakers are the smart choice for the conscientious customer.

Loadcentres

Catalogue Numbering System

Catalogue Numbering System^①

Panel Type

EQL = 1-Phase main lug
SEQ = 1-Phase main breaker
EQ4 = 3-Phase, main lug and main breaker
EQG = Generator panel

*Note: For EQG 2 Pole Generator panel, the NSN (none switched neutral) is added to the part number. Ex: EQG860NSND

Number of Circuits

Maximum number of circuits

Main Ampere Rating

Ex: 100 = 100 Amp

*Note: It comes with the type of main breaker for EQ4 3-Phase
Ex: BQ100 = 100 Amp

Main breaker mounting position for SEQ loadcentres only

Blank = Standard top mounted
SM = Side mounted

Door

Blank = Without door
D = With door

* For SEQ loadcentres only. The doors for EQL, EQ4, EQG and SEQ Type 3R loadcentres are factory installed.

Type of Bus Bar

Blank = Aluminum
C = Copper

Enclosure Type

Blank= Type 1
R= Type 3R

Colour

Blank = Grey
W = White
B = Beige

*Only available for EQL and SEQ loadcentres.
EQL white/beige and SEQ white/beige are only available with door.

SEQ

24

100

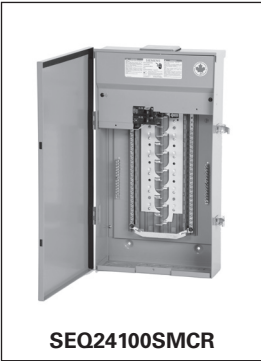
SM

D

-

-

W




^① The Catalogue numbering system applies only to EQL, EQL Type 3R, SEQ, SEQ Type 3R, EQ4 and EQG loadcentres.

Loadcentres

Generator panel

Selection and Ordering Data

	Generator Panel, 3 Pole 1 phase 3 wire 240V AC Max. Suitable for use with a generator having a bonded neutral conductor.								
	Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim
					H	W	D		
	6/12	EQG630D EQG660D EQG680D EQG6100D	63	30 60 80 100	16 ^{7/8} (429)	12 (305)	3 ^{3/4} (95)	14-6 6-2/0 6-2/0 6-2/0	Comb.
	10/20	EQG1030D EQG1060D EQG1080D EQG10100D	45	30 60 80 100	18 ^{7/8} (479)	12 (305)	3 ^{3/4} (95)	14-6 6-2/0 6-2/0 6-2/0	Comb.
	18/36	EQG1830D EQG1860D EQG1880D EQG18100D	36	30 60 80 100	24 ^{1/8} (613)	13 ^{1/32} (331)	3 ^{3/4} (95)	14-6 6-2/0 6-2/0 6-2/0	Comb.
	26/52	EQG2630D EQG2660D EQG2680D EQG26100D	27	30 60 80 100	33 (838)	14 ^{1/4} (362)	4 (102)	14-6 6-2/0 6-2/0 6-2/0	Comb.
	34/68	EQG3430D EQG3460D EQG3480D EQG34100D	27	30 60 80 100	33 (838)	14 ^{1/4} (362)	4 (102)	14-6 6-2/0 6-2/0 8-2/0	Comb.
	Generator Panel, 2 Pole 1 phase 3 wire 240V AC Max. Suitable for use with a generator having an unbonded neutral conductor.								
	8/16	EQG830NSND EQG860NSND EQG880NSND EQG8100NSND	63	30 60 80 100	16 ^{7/8} (429)	12 (305)	3 ^{3/4} (95)	14-8 6-2/0 6-2/0 6-2/0	Comb.
12/24	EQG1230NSND EQG1260NSND EQG1280NSND EQG12100NSND	45	30 60 80 100	18 ^{7/8} (479)	12 (305)	3 ^{3/4} (95)	14-8 6-2/0 6-2/0 6-2/0	Comb.	
20/40	EQG2030NSND EQG2060NSND EQG2080NSND EQG20100NSND	36	30 60 80 100	24 ^{1/8} (613)	13 ^{1/32} (331)	3 ^{3/4} (95)	14-8 6-2/0 6-2/0 6-2/0	Comb.	
28/56	EQG2830NSND EQG2860NSND EQG2880NSND EQG28100NSND	27	30 60 80 100	33 (838)	14 ^{1/4} (362)	4 (102)	14-8 6-2/0 6-2/0 6-2/0	Comb.	
36/72	EQG3630NSND EQG3660NSND EQG3680NSND EQG36100NSND	27	30 60 80 100	33 (838)	14 ^{1/4} (362)	4 (102)	14-8 6-2/0 6-2/0 6-2/0	Comb.	
Note: The EQG panels are stocked complete with doors									
Key Features:									
<ul style="list-style-type: none">Ensures reliable and continuous operation, allows customers to permanently connect critical loads to back up generators in cases of main power failuresFactory ready for use in both switched and non-switched neutral applicationsAdditional number of generator circuits for more flexibility									