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# Loadcentres

## Applications and Descriptions

## Description

No. Applications	Products
1 Miscellaneous Applications Standard Main Lugs Only Panel	EQL & SNC Loadcentre-Indoor & Outdoor Type
2 Single Family	a) SEQ Loadcentre – Indoor & Outdoor Type b) SNC Loadcentre - Indoor Type
3 Duplex Units, Small Apartment Building, Small Professional and Commercial Building (Two to Six Units Maximum)	a) SEQ Service Entrance Equipment – Indoor & Outdoor Type b) EQL Main Lugs Loadcentre – Indoor & Outdoor Type c) SNC Main Lugs Loadcentre - Indoor type d) SNC Main Breaker Loadcentre - Indoor type
4 Office Building/Condo/Apartment Building (3Ø Application)	a) Switchboards b) Busways c) Modular Metering d) EQ4 Loadcentres Main Lug only or Main Breaker
5 Small Industrial/Commercial Building (3Ø Application)	a) Switchboards b) Busways c) 3Ø Modular Metering d) EQ4 Loadcentres 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 breakers and 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

## 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
- Outdoor 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 interrupter

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

Arc fault circuit interrupter

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<sup>1/4</sup>" (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.

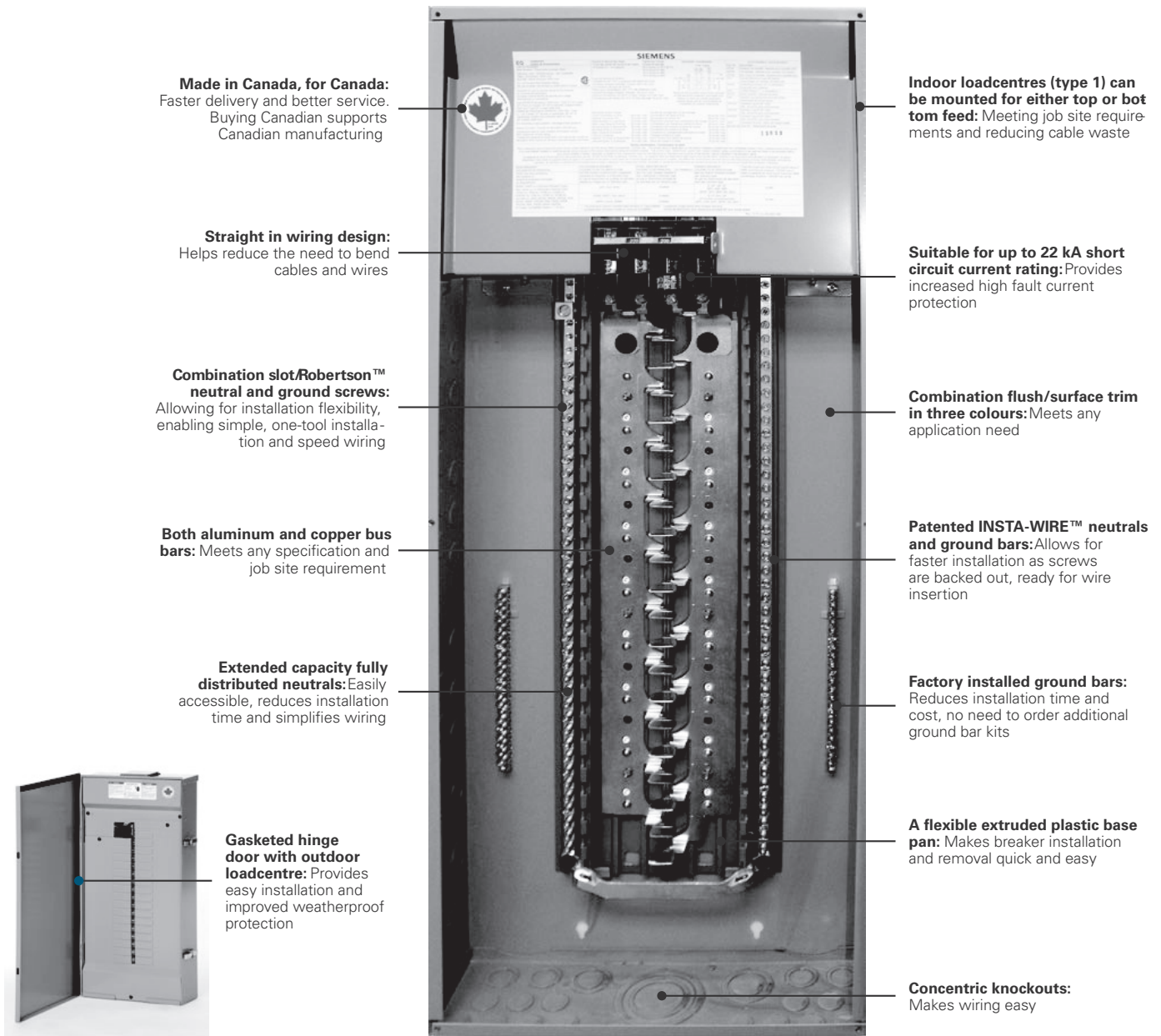


# Loadcentres

## Product Features and Customer Benefits

1

LOADCENTRES



### Features and Benefits

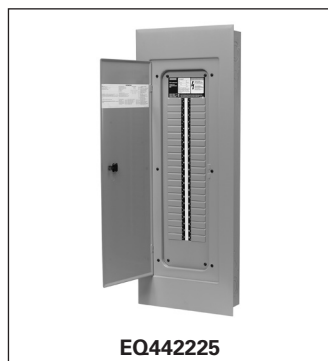
Siemens provides the broadest product portfolio related to single and multifamily applications. Flexibility, innovation and quality are the hallmarks of Siemens products for single and multi-family applications providing the customer with unmatched value. One example is our quick-make quick-break circuit 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<sup>①</sup>

	SEQ	24	100	SM	D	-	-	W
<b>Panel Type</b>	<ul style="list-style-type: none"> <li>EQL = 1-Phase main lug</li> <li>SEQ = 1-Phase main breaker</li> <li>EQ4 = 3-Phase, main lug and main breaker</li> <li>EQG = Generator panel</li> <li>*Note: For EQG 2 Pole Generator panel, the NSN (none switched neutral) is added to the part number. Ex: EQG860NSND</li> </ul>							
<b>Number of Circuits</b>	Maximum number of circuits							
<b>Main Ampere Rating</b>	Ex: 100 = 100 Amp *Note: It comes with the type of main breaker for EQ4 3-Phase Ex: BQ100 = 100 Amp							
<b>Main breaker mounting position for SEQ loadcentres only</b>	Blank = Standard top mounted SM = Side mounted							
<b>Door</b>	Blank = Without door D = With door * For SEQ loadcentres only. The doors for EQL, EQ4, EQG and SEQ Type 3R loadcentres are factory installed.							
<b>Type of Bus Bar</b>	Blank = Aluminum C = Copper							
<b>Enclosure Type</b>	Blank = Type 1 R = Type 3R							
<b>Colour</b>	Blank = Grey W = White *Only available for EQL and SEQ loadcentres. EQL white and SEQ white are only available with door.							



<sup>①</sup> The Catalogue numbering system applies only to EQL, EQL Type 3R, SEQ, SEQ Type 3R, EQ4 and EQG loadcentres.

# Loadcentres

## Catalogue Numbering System

### Catalogue Numbering System

1

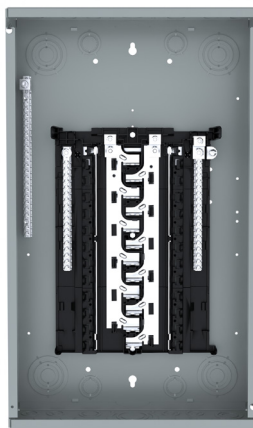
LOADCENTRES

	SNC	12	24	B	1	100	W
<b>Panel Type</b> _____ SNC = 1-Phase main lug	↑						
<b>Number of Spaces</b> _____ Maximum number of 1" breakers		↑					
<b>Number of circuits</b> _____ Maximum number of circuits			↑				
<b>Type</b> _____ L = Main Lug B = Main Breaker				↑			
<b>System Type</b> _____ 1 = 1-phase					↑		
<b>Main Ampere Rating</b> _____ Ex: 100 = 100 Amp						↑	
<b>Colour</b> _____ Blank = Grey W = White							↑

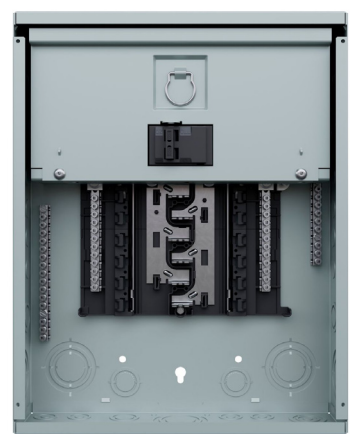
Note: SNC Loadcentres are shipped with door as standard



SNC1632B1100



SNC2448L1125



SNC1224B1100



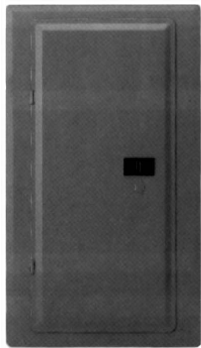
# Loadcentres

## EQL & SEQ Single Phase Main Lug & Main Breaker Loadcentres

### Selection and Ordering Data

**Selection**  
**INSTA WIRE™**

LOADCENTRES



EQL24125D



SEQ40200

**EQL Loadcentres with main lugs only 1 phase 3 wire 240 V AC max.**

Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Door Kit Catalogue Number	Factory Mod.
				H	W	D				
2/4	EQL260S	330	60	7 (178)	5 (127)	2 <sup>3</sup> / <sub>4</sub> (70)	3	surface	N/A	N/A
4/8	EQL4100	90	100	12 <sup>5</sup> / <sub>8</sub> (322)	6 <sup>5</sup> / <sub>8</sub> (168)	3 <sup>1</sup> / <sub>2</sub> (90)	1	comb.	N/A	N/A
8/16	EQL8100D*	72	100	14 <sup>7</sup> / <sub>8</sub> (378)	12 (305)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK8-A	N/A
12/24	EQL12125D <sup>②</sup>	45	125	16 <sup>7</sup> / <sub>8</sub> (429)	12 (305)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK12-A	①
16/32	EQL16125D <sup>②</sup>	45	125	18 <sup>7</sup> / <sub>8</sub> (479)	12 (305)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK16-A	①
24/48	EQL24125D <sup>②</sup>	36	125	24 <sup>1</sup> / <sub>8</sub> (613)	13 <sup>1</sup> / <sub>2</sub> (331)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK24-A	①
32/64	EQL32200D <sup>②</sup>	27	200	33 (838)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKL32-2A	①
40/80	EQL40200D <sup>②</sup>	27	200	33 (838)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKL40-2A	①

**Note:** EQL8100D through EQL40200D<sup>②</sup> are stocked complete with doors \*Neutral bar only on one side of panel.

**Service Entrance Loadcentres with Factory installed main breaker 1 phase 3 wire 240 V AC max.**

12/24	SEQ12060SM	54	60	17 <sup>5</sup> / <sub>8</sub> (448)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	6-2/0	comb.	DK1216SM-1	①
16/32	SEQ16060SM <sup>②</sup>	36	60	19 <sup>5</sup> / <sub>8</sub> (498)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	6-2/0	comb.	DK1216SM-1	①
24/48	SEQ24060SM <sup>②</sup>	36	60	24 <sup>1</sup> / <sub>8</sub> (613)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	6-2/0	comb.	DK24SM-1	①
12/24	SEQ12100SM	54	100	17 <sup>1</sup> / <sub>2</sub> (444)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK1216SM-1	①
16/32	SEQ16100SM	36	100	19 <sup>5</sup> / <sub>8</sub> (498)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK1216SM-1	①
24/48	SEQ24100SM <sup>②</sup>	36	100	24 <sup>1</sup> / <sub>8</sub> (613)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK24SM-1	①
24/48	SEQ24100SMK <sup>■</sup>	36	100	24 <sup>1</sup> / <sub>8</sub> (613)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK24SM-1	①
24/48	SEQ24125SM <sup>②</sup>	36	125	24 <sup>1</sup> / <sub>8</sub> (613)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK24SM-1	①
24/48	SEQ24150 <sup>②</sup>	27	150	27 (686)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS24-2A	①
24/48	SEQ24200	27	200	27 (686)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS24-2A	①
32/64	SEQ32100SM	27	100	27 <sup>1</sup> / <sub>8</sub> (689)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK32SM-1	①
32/64	SEQ32125SM	27	125	27 <sup>1</sup> / <sub>8</sub> (689)	13 <sup>1</sup> / <sub>8</sub> (333)	3 <sup>3</sup> / <sub>4</sub> (95)	4-2/0	comb.	DK32SM-1	①
32/64	SEQ32150	27	150	33 (838)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS32-2A	①
32/64	SEQ32200	27	200	33 (838)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS32-2A	①
40/80	SEQ40100	27	100	36 (914)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS40-1A	①
40/80	SEQ40125	27	125	36 (914)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS40-1A	①
40/80	SEQ40150	27	150	36 (914)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS40-2A	①
40/80	SEQ40200 <sup>②</sup>	27	200	36 (914)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	DKS40-2A	①
60/120	SEQ60200	18	200	46 (1168)	14 <sup>1</sup> / <sub>4</sub> (362)	4 (102)	6-250 MCM	comb.	N/A	N/A

■ Standard SEQ24100SMK with additional knockouts to bottom plate

**Note:** Comb= Combination Flush/Surface mounted Certified for use with any combination of full or half module plug-in circuit breakers. Certified for mounting vertical, horizontal or inverted and for use with CU/AL conductors including compact stranded. All neutral bar connectors are No. 14 - No.4.

Typical circuit rating (ie. 24/48) indicates the circuit capacity of the loadcentre is 24 full module (1") breaker of 48 half-module (1/2") breakers.

- ① Factory modification, see next page.
- ② For copper bus add suffix C to existing part number. 4 weeks delivery required.


③ EQL available in White paint colour. Add "W" to end of part number.

④ EQL and SEQ loadcentres are compatible with pigtail version of AFCI, GFCI & Dual function (AFCI/GFCI) breakers. They are NOT compatible with plug on neutral version of AFCI, GFCI & Dual function (AFCI/GFCI) breakers.

# Loadcentres

## SNC Single Phase Main Lug & Main Breaker Plug On Neutral loadcentres

*Selection*

 SNC1224L1125	SNC Main Lug only. 1 phase 3 wire 240V AC max.										
	Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches			Lug Data	Mounting Trim	Door & Trim Kit Catalogue Number	Factory Mod.
					H	W	D				
	12/24	SNC1224L1125	28	125	18	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	2/0	comb.	RSCT1224L1125	N/A
	16/32	SNC1632L1125	28	125	21	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	2/0	comb.	RSCT1632L1125	N/A
	24/48	SNC2448L1125	28	125	24	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	2/0	comb.	RSCT2448L1125	N/A
	30/48	SNC3048L1200	21	200	30	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	300 kcmil	comb.	RSCT3048L1200	N/A
	40/60	SNC4060L1200	21	200	36	14 <sup>1</sup> / <sub>4</sub>	3 <sup>7</sup> / <sub>8</sub>	300 kcmil	comb.	RSCT4060L1200	N/A

SNC Main Breaker Only. 1 phase 3 wire 240V AC max.											
Number of Circuits	Bus Bar Rating	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches			Lug Data	Mounting Trim	Door & Trim Kit Catalogue Number	Factory Mod.
					H	W	D				
12/24	200A	SNC1224B1100	28	100	18	14 1/4	3 7/8	2/0	comb.	RSCT1224B1100	N/A
16/32	200A	SNC1632B1100	28	100	21	14 1/4	3 7/8	2/0	comb.	RSCT1632B1100	N/A
24/48	200A	SNC2448B1100	28	100	24	14 1/4	3 7/8	2/0	comb.	RSCT2448B1100	N/A
24/48	200A	SNC2448B1125	21	125	26	14 1/4	3 7/8	2/0	comb.	RSCT2448B1125	N/A
24/48	200A	SNC2448B1150	21	150	30	14 1/4	3 7/8	300 kcmil	comb.	RSCT2448B1150	N/A
24/48	200A	SNC2448B1200	21	200	30	14 1/4	3 7/8	300 kcmil	comb.	RSCT2448B1200	N/A
30/48	200A	SNC3048B1100	21	100	26	14 1/4	3 7/8	2/0	comb.	RSCT3048B1100	N/A
30/48	200A	SNC3048B1125	21	125	26	14 1/4	3 7/8	2/0	comb.	RSCT3048B1125	N/A
30/48	200A	SNC3048B1150	21	150	36	14 1/4	3 7/8	300 kcmil	comb.	RSCT3048B1150	N/A
30/48	200A	SNC3048B1200	21	200	36	14 1/4	3 7/8	300 kcmil	comb.	RSCT3048B1200	N/A
40/60	200A	SNC4060B1150	21	150	39	14 1/4	3 7/8	300 kcmil	comb.	RSCT4060B1150	N/A
40/60	200A	SNC4060B1200	21	200	39	14 1/4	3 7/8	300 kcmil	comb.	RSCT4060B1200	N/A
42/60	200A	SNC4264B1200	21	200	39	14 1/4	3 7/8	300 kcmil	comb.	RSCT4264B1200	N/A
54/82	200A	SNC5482B1200	12	200	44	14 1/4	3 7/8	300 kcmil	comb.	RSCT5482B1200	N/A

### Note:

- ① **SNC** available in White paint colour. Add "W" to end of part number
- ② Typical circuit rating (ie. 24/48) indicates the circuit capacity of the loadcentre is 24 full module (1") breaker of 48 half-module (1/2") breakers.
- ③ **SNC** loadcentres are compatible with pigtail version and plug on neutral version of AFCI, GFCI & Dual function (AFCI/GFCI) breakers.



## Selection and Ordering Data

[illegible]

# Loadcentres


EQL, SNC, & SEQ Single Phase Main Lug & Main Breaker Loadcentres (continued)

Selection

Selection and Ordering Data

1

LOADCENTRES

 SEQ38200U	Dual Listed/cULus Loadcentres 120/240V 1 phase 3 Wire									
	Number of Circuits	Catalogue Number	Skid Qty.	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Door Kit Catalogue Number
					H	W	D			
	38	SEQ38100U	27	100	36 (362)	14 1/4 (362)	4 (102)	6-250MCM	comb.	DKS38-1A
		SEQ38125U	27	125						
		SEQ38150U	27	150						DKS38-2A
		SEQ38200U	27	200						
<p><b>Branch breakers:</b> Only 1" full module breakers that are both UL &amp; CSA certified are allowed to be installed in this loadcentre; 1/2" twin and quad branch breakers must not be used as per NEC 384-14(a) and NEC-384-15. Consult Siemens Sales Rep. for details.</p> <p><b>Application benefit:</b> Allows modular home builders who have businesses in both US &amp; Canada to carry only one line of inventory.</p>										

# Loadcentres

## EQ3 Single Phase & EQ4 Three Phase Loadcentres

**Selection**

Selection and Ordering Data

1  
LOADCENTRES



EQ424BQ100



SFK225



TFK100

### EQ3 Single Phase Loadcentres

With Main Lugs only 1 phase 3 Wire 120/240 V AC max. 10KA

Number of Circuits	Catalogue Number	Main Amps	Dimensions - Inches (mm)			Lug Data	Mounting Trim	Door Catalogue Number	Factory Mod.
			H	W	D				
24	EQ324225	225	34 (864)	14 <sup>3</sup> / <sub>8</sub> (365)	4 <sup>3</sup> / <sub>8</sub> (111)	6-300 MCM	comb.	DKEQ2430	①
40	EQ340225	225	40 (1016)					DKEQ42	

### EQ3 Service Entrance Loadcentre

With factory Installed Main Breaker 1 phase 3 Wire 120/240 V AC max. 10KA

24	EQ324BQ125	125	34 (864)	14 <sup>3</sup> / <sub>8</sub> (365)	4 <sup>3</sup> / <sub>8</sub> (111)	#6 - 2/0	comb.	DKEQ24BQ	①
32	EQ332BQ125	125	40 (1016)					DKEQ42	

### EQ Three Phase Loadcentres<sup>①</sup>

With main lugs only 3 phase 4 wire 240V AC max. 10 KA

12	EQ412100	100	28 (711)	14 <sup>3</sup> /8 (365)	4 <sup>3</sup> /8 (111)	14-2/0	comb.	DKEQ1218	①
18	EQ418100	100	28 (711)					DKEQ1218	
24	EQ424225	225	34 (864)			6-300 MCM		DKEQ2430	
30	EQ430225	225	34 (864)					DKEQ2430	
42	EQ442225	225	40 (1016)					DKEQ42	

### Service Entrance Loadcentres

With factory installed main breaker 3 phase 4 wire 240 V AC max. 10 KA.

24	EQ424BQ100	100(BQ)	34 (864)	14 <sup>3</sup> /8 (365)	4 <sup>3</sup> /8 (111)	4-2/0	comb.	DKEQ24BQ	①	
42	EQ442QR100	100(QR)	46 (1168)			6-300 MCM		DKEQ42QR		
42	EQ442QR125	125(QR)	46 (1168)							
42	EQ442QR150	150(QR)	46 (1168)							
42	EQ442QR200	200(QR)	46 (1168)							

### Factory Modifications<sup>①</sup>

Type	Description	Catalogue Number	Example	Delivery
EQ4	Copper Bus	add suffix...C	EQ430225C	4 Weeks

### Lug Kits For EQ Loadcentres

Catalogue Number	Loadcentre Amps Rating	Description
SFK100	100	Sub-feed Kit 14-2/0 (Per Phase)
SFK225	225	Sub-feed Kit 1/0-250 MCM (Per Phase)
TFK100	100	Through-feed Kit 14-2/0 (Per Phase)
TFK225	225	Through-feed Kit 6-300 MCM (Per Phase)

**Note :** Certified for use with either plug-in (Type Q) or bolt-on (Type BQ) branch breakers. Number of circuits can be doubled by use of plug-in (Type QT) twin breakers. Certified for mounting vertical, horizontal or inverted and for use with CU/AL conductor including compact stranded. All neutral bar connectors are No. 14 - No. 4.

①All Three Phase EQ loadcentres are stocked complete with doors. Interior only is not available. Must be ordered as a complete unit.

**Note:** For copper bus add suffix C to existing part number. 4 weeks delivery required

# Loadcentres



## SPA panel and Mini Panel/Enclosed Breaker


Selection and Ordering Data



Selection

INSTA WIRE™

1  
LOADCENTRES

 W0408ML1125  2-POLE GFCI	SPA panel package, 3R enclosure 120/240V 1 Phase 3 Wire								
	Number of Circuits	Package Catalogue Number	Main Amps.	GFCI Included	Enclosure Dimensions - Inches (mm)			Hubs (sold seperately)	
					H	W	D	Conduit Size (")	Catalogue Number
4/8	W0408ML1125-20	125	QF220A	12 1/4 (312)	6 (153)	4 1/4 (108)	Cover 3/4 1 1 1/4 1 1/2 2 2 1/2	ECHS000 ECHS075 ECHS100 ECHS125 ECHS150 ECHS200 ECHS250	
W0408ML1125-30	QF230A								
W0408ML1125-40	QF240A								
W0408ML1125-50	QF250A								
W0408ML1125-60	QF260A								
Each package also includes a 4-point ground bar and French instructions.									

 EQS260	Circuit Breaker Enclosures for Service Entrance and Commercial Use							
	EEMAC 1 Enclosure (Indoor) 1 phase 3 wire 240V AC Max.							
	Breaker Range	Catalogue Number	Main Amps.	Number of Poles	Dimensions - Inches (mm)			Lug Data
					H	W	D	
	15-60A	EQS260* <sup>①</sup>	60	1,2	7 3/4 (197)	5 (127)	2 3/4	14-4 (70)
	15-125A	EQS2125* <sup>①</sup>	125	1,2	13 (330)	6 5/8 (168)	3 3/8	14-2/0 (86)
*Does not accept quad type breaker.								

 WEQ60-4  W0816ML1125CU	EEMAC 3R Weatherproof Enclosure, 1 phase 3 wire 240V AC Max.																																							
	Full Module Circuits	Catalogue Number	Main Amps.	Dimensions - Inches (mm)			Weight lbs.	Hub <sup>②</sup> Type																																
				H	W	D																																		
	3	WEQ60-4 <sup>①③</sup>	60	10 1/4 (260)	9 1/2 (241)	5 5/8 (143)	8	HR																																
	2/4	W0204ML1060 <sup>①③</sup>	60	8 (204)	5 (127)	4 1/4 (108)	4	HA																																
	4/8	W0408ML1125 <sup>③</sup>	125	12 1/4 (312)	6 (153)	4 1/4 (108)	7	HS																																
8/16	W0816ML1125CU <sup>③</sup>	125	14 3/4 (375)	12 1/8 (308)	4 1/4 (108)	7	HS																																	
Note: Package does not include a 4-point ground bar, please order: GBK4																																								
<div>Key Features: Outdoor EEMAC 3R enclosure<ul style="list-style-type: none"><li>• Accepts plug-in Q type breakers</li><li>• One piece bus bar construction</li><li>• Combination trim flush/surface</li></ul></div> <div>Remark: ① The panels will not accommodate a 2 pole ground fault breaker (GFCI) or breaker with shunt trip. ② Hubs sold seperately ③ Not to be used as service entrance.</div>																																								
<div>Hubs<table><tr><th>Catalogue Number</th><th>Conduit size (")</th><th>Catalogue Number</th><th>Conduit size (")</th></tr><tr><td>ECHA075</td><td>3/4</td><td>ECHS075</td><td>3/4</td></tr><tr><td>ECHA100</td><td>1</td><td>ECHS100</td><td>1</td></tr><tr><td>ECHA125</td><td>1 1/4</td><td>ECHS125</td><td>1 1/4</td></tr><tr><td>ECHR075</td><td>3/4</td><td>ECHS150</td><td>1 1/2</td></tr><tr><td>ECHR100</td><td>1</td><td>ECHS200</td><td>2</td></tr><tr><td>ECHR125</td><td>1 1/4</td><td>ECHS250</td><td>2.5</td></tr><tr><td>ECHR150</td><td>1 1/2</td><td></td><td></td></tr></table></div>									Catalogue Number	Conduit size (")	Catalogue Number	Conduit size (")	ECHA075	3/4	ECHS075	3/4	ECHA100	1	ECHS100	1	ECHA125	1 1/4	ECHS125	1 1/4	ECHR075	3/4	ECHS150	1 1/2	ECHR100	1	ECHS200	2	ECHR125	1 1/4	ECHS250	2.5	ECHR150	1 1/2		
Catalogue Number	Conduit size (")	Catalogue Number	Conduit size (")																																					
ECHA075	3/4	ECHS075	3/4																																					
ECHA100	1	ECHS100	1																																					
ECHA125	1 1/4	ECHS125	1 1/4																																					
ECHR075	3/4	ECHS150	1 1/2																																					
ECHR100	1	ECHS200	2																																					
ECHR125	1 1/4	ECHS250	2.5																																					
ECHR150	1 1/2																																							

# Loadcentres

## Generator panel

**Selection**

### Selection and Ordering Data

**1**  
LOADCENTRES



EQG630D



EQG860NSND

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	63	30	16 <sup>7/8</sup> (429)	12 (305)	3 <sup>3/4</sup> (95)	14-6	Comb.
	EQG660D		60				6-2/0	
	EQG680D		80				6-2/0	
	EQG6100D		100				6-2/0	
10/20	EQG1030D	45	30	18 <sup>7/8</sup> (479)	12 (305)	3 <sup>3/4</sup> (95)	14-6	Comb.
	EQG1060D		60				6-2/0	
	EQG1080D		80				6-2/0	
	EQG10100D		100				6-2/0	
18/36	EQG1830D	36	30	24 <sup>1/8</sup> (613)	13 <sup>1/32</sup> (331)	3 <sup>3/4</sup> (95)	14-6	Comb.
	EQG1860D		60				6-2/0	
	EQG1880D		80				6-2/0	
	EQG18100D		100				6-2/0	
26/52	EQG2630D	27	30	33 (838)	14 <sup>1/4</sup> (362)	4 (102)	14-6	Comb.
	EQG2660D		60				6-2/0	
	EQG2680D		80				6-2/0	
	EQG26100D		100				6-2/0	
34/68	EQG3430D	27	30	33 (838)	14 <sup>1/4</sup> (362)	4 (102)	14-6	Comb.
	EQG3460D		60				6-2/0	
	EQG3480D		80				6-2/0	
	EQG34100D		100				8-2/0	
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	63	30	16 <sup>7/8</sup> (429)	12 (305)	3 <sup>3/4</sup> (95)	14-8	Comb.
	EQG860NSND		60				6-2/0	
	EQG880NSND		80				6-2/0	
	EQG8100NSND		100				6-2/0	
12/24	EQG1230NSND	45	30	18 <sup>7/8</sup> (479)	12 (305)	3 <sup>3/4</sup> (95)	14-8	Comb.
	EQG1260NSND		60				6-2/0	
	EQG1280NSND		80				6-2/0	
	EQG12100NSND		100				6-2/0	
20/40	EQG2030NSND	36	30	24 <sup>1/8</sup> (613)	13 <sup>1/32</sup> (331)	3 <sup>3/4</sup> (95)	14-8	Comb.
	EQG2060NSND		60				6-2/0	
	EQG2080NSND		80				6-2/0	
	EQG20100NSND		100				6-2/0	
28/56	EQG2830NSND	27	30	33 (838)	14 <sup>1/4</sup> (362)	4 (102)	14-8	Comb.
	EQG2860NSND		60				6-2/0	
	EQG2880NSND		80				6-2/0	
	EQG28100NSND		100				6-2/0	
36/72	EQG3630NSND	27	30	33 (838)	14 <sup>1/4</sup> (362)	4 (102)	14-8	Comb.
	EQG3660NSND		60				6-2/0	
	EQG3680NSND		80				6-2/0	
	EQG36100NSND		100				6-2/0	
<b>Note:</b> The EQG panels are stocked complete with doors								
<b>Key Features:</b>								
<ul style="list-style-type: none"><li>Ensures reliable and continuous operation, allows customers to permanently connect critical loads to back up generators in cases of main power failures</li><li>Factory ready for use in both switched and non-switched neutral applications</li><li>Additional number of generator circuits for more flexibility</li></ul>								

# Circuit Breakers

## Type Q Plug-In Breakers

Selection and Ordering Data

**Selection**  
**INSTA WIRE™**

LOADCENTRES



Q115



Q215



Q315



Q1515NC



Q21515CTNC

Full Module (1" per pole) 10,000 A.I.C													
Ampere Rating		Breaker Type	Catalogue Number	Standard Package									
Single Pole													
15 20 25 30 40 50 60 70	QP		Q115 <sup>③</sup> Q120 <sup>③</sup> Q125 Q130 Q140 Q150 Q160 Q170	48									
Two Pole Common Trip													
15 20 25 30 35 40 50 60			QP			Q215 Q220 Q225 Q230 Q235 Q240 Q250 Q260	24						
70 80 90 100 110 125						QP			Q270 Q280 Q290 Q2100 Q2110 Q2125	5			
150 200									QNR			QN2150R <sup>④⑤</sup> QN2200R <sup>④⑤</sup>	1
Three Pole Common Trip													
15 20 25 30 40 50 60 70									QP			Q315 Q320 Q325 Q330 Q340 Q350 Q360 Q370	3
80 90 100												QP	
Half Module (1/2" per pole) 10,000 A.I.C.													
Poles	Amps	Breaker Type		Catalogue Number <sup>①</sup>		Standard Package							
QT Dual (Twin)	15-15 15-20 15-30 15-40 20-15 20-20 30-15 30-20 30-30 40-15	QT		Q1515NC Q1520NC Q1530NC Q1540NC Q2015NC Q2020NC Q3015NC Q2030NC Q3030NC Q4015NC	48								
	Quad Type (1/2" per pole) 10,000 A.I.C. Common Trip - centre poles only.												
	Poles			Ampere Rating		Breaker Type	Catalogue Number <sup>②</sup>	Standard Package					
	QT Quad			15-15 15-20 15-25 15-30 15-40		QT		Q21515CTNC Q21520CTNC Q21525CTNC Q21530CTNC Q21540CTNC		24			

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

② Typical catalogue 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.

④ Requires 4 panel circuits, 2 adjacent and 2 opposite. Two twist outs should be only removed.

⑤ Will not fit in EQ3 or EQ4 loadcenters




# Circuit Breakers

## Surge Arrester and Replacement Main Breakers

Selection and Ordering Data



 <p>EQ9675</p>	Replacement Main Breakers for EQ4 and EQ3 Loadcentres 22,000 A.I.C.			
	Poles	Ampere Rating	Catalogue Number	Standard Package
	N/A	60	Q260H	6
		100 125 150 200	EQ9675 EQ9677 EQ9683 EQ9685	1
















# Loadcentres

## Arc-Fault and Ground Fault Circuit Interrupters

Selection

### Selection and Ordering Data

LOADCENTRES

	Poles	Ampere Rating	Breaker Type	Interrupting Rating		
				10Ka	22kA	65Ka
				Catalogue Number		
<b>Combination Arc Fault Circuit Interrupters (AFCI)</b> Detects all three possible types of arc faults: line-to-ground, line-to-neutral, and series. <b>Pig Tail Version, Full Module (1" per pole)</b>						
	1	15 20	QAF2 / QAFH2 / HQAF2	QA115AFCCSA QA120AFCCSA	QA115AFCH QA120AFCH	QA115AFCHH QA120AFCHH
	2	15 20	QAF / QAFH	Q215AFCCSA Q220AFCCSA	Q215AFCH Q220AFCH	N/A N/A
<b>Plug On Neutral Version, Full Module (1" per pole)</b>						
	1	15 20	QAF2N	QA115AFCNCSA QA120AFCNCSA	N/A N/A	N/A N/A
	2	15 20	QAFN	Q215AFCNCSA Q220AFCNCSA	N/A N/A	N/A N/A
<b>Pig Tail Twin Version, Half Module (1/2" per pole)</b>						
	1	15 20	QTA	Q1151AFCCSA Q2020AFCCSA	N/A N/A	N/A N/A
<b>Plug On Neutral Twin Version, Half Module (1/2" per pole)</b>						
	1	15 20	QTAN	Q1151AFCNCSA Q2020AFCNCSA	N/A N/A	N/A N/A
<b>Dual Function AFCI/GFCI</b> The Dual Function Circuit Breaker combines Combination Type AFCI and GFCI, protecting against both Arc Faults and (5mA) Ground Faults. Includes Self Test as an added safety feature. <b>Pig Tail Version, Full Module (1" per pole)</b>						
	1	15 20	QFGA2 / QFGAH2 / HQFGA2	Q115DFCSA Q120DFCSA	Q115DFH Q120DFH	Q115DFHH Q120DFHH
	<b>Plug On Neutral Version, Full Module (1" per pole)</b>					
	1	15 20	QFGA2N	Q115DFNCSA Q120DFNCSA	N/A N/A	N/A N/A
<b>Ground Fault Circuit Interrupters, Class A (5mA) Sensitivity</b> Provides Class A (5mA) ground fault protection. Intended for personnel protection. Includes Self Test as an added safety feature. <b>Pig Tail Version, Full Module (1" per pole)</b>						
	1	15 20 30	QPF2/QPHF2/ HQPF2	QF115ACSA QF120ACSA QF130ACSA	QF115AH QF120AH QF130AH	QF115AHH QF120AHH QF130AHH
	2	15 20 30 40 50 60	QPF2/QPHF2/ HQPF2  QPF/QPHFB	QF215ACSA QF220ACSA QF230ACSA QF240ACSA QF250ACSA QF260ACSA	Q215GFH Q220GFH Q230GFH QF240AH QF250AH QF260AH	Q215GFHH Q220GFHH Q230GFHH N/A N/A N/A
<b>Plug On Neutral Version, Full Module (1" per pole)</b>						
	1	15 20 30	QPF2N	QF115ANCSA QF120ANCSA QF130ANCSA	N/A N/A N/A	N/A N/A N/A
	2	15 20 30	QPFBN	Q215GFNCSA Q220GFNCSA Q230GFNCSA	N/A N/A N/A	N/A N/A N/A
<b>Ground Fault Equipment Protection (QE), Full Module (1" per pole) 30mA Sensitivity</b> Provides protection of equipment from damaging line-to-ground faults currents.						
	1	15 20 30	QE2	QE115 QE120 QE130	N/A N/A N/A	N/A N/A N/A
	2	15 20 30	QEB	Q215EG Q220EG Q230EG	N/A N/A N/A	N/A N/A N/A
		40 50 60	QE	QE240 QE250 QE260	N/A N/A N/A	N/A N/A N/A

NOTE: Plug on Neutral breakers are only compatible with SNC loadcentres

# Loadcentres

## Type BQ Bolt-on<sup>①</sup> and Blue line Circuit Breakers

Selection

Selection and Ordering Data



LOADCENTRES

BQ1B015

BQ2B015

BQ3B015

Full Module BQ Breakers (1" per pole) 10,000 A.I.C. & 22,000 A.I.C.

Ampere Rating	10,000 A.I.C. Catalogue Number	22,000 A.I.C. Catalogue Number	Std. Pkg.
Single Pole			
15 20 25 30 40 50 60 70	BQ1B015 BQ1B020 BQ1B025 BQ1B030 BQ1B040 BQ1B050 BQ1B060 BQ1B070	BQ1B015H BQ1B020H BQ1B025H BQ1B030H BQ1B040H BQ1B050H BQ1B060H BQ1B070H	12
Two Pole Common Trip			
15 20 25 30 40 50 60 70 80 90 100 125	BQ2B015 BQ2B020 BQ2B025 BQ2B030 BQ2B040 BQ2B050 BQ2B060 BQ2B070 BQ2B080 BQ2B090 BQ2B100 BQ2B125	BQ2B015H BQ2B020H BQ2B025H BQ2B030H BQ2B040H BQ2B050H BQ2B060H BQ2B070H BQ2B080H BQ2B090H BQ2B100H —	6
Three Pole Common Trip			
15 20 30 40 50 60 70 90 100	BQ3B015 BQ3B020 BQ3B030 BQ3B040 BQ3B050 BQ3B060 BQ3B070 BQ3B090 BQ3B100	BQ3B015H BQ3B020H BQ3B030H BQ3B040H BQ3B050H BQ3B060H BQ3B070H BQ3B090H BQ3B100H	4

BQ1B015




BQ2B015



BQ3B015

BQ Screws are sold separately<sup>①</sup>



BL1-015

Type Blue line circuit breakers		
Ampere Rating	Catalogue Number	Standard Package
15	BL1-015	20
20	BL1-020	
30	BL1-030	
40	BL1-040	
50	BL1-050	
15	BL2-015	10
20	BL2-020	
30	BL2-030	
40	BL2-040	
Description	Catalogue Number	Standard Package
Tie Handle	BLTH1	20
6 - 1 Pole Fillers	BLF6	
<b>Note:</b> These breakers are used as replacement in old ITE Loadcentres		

BL1-015



# Loadcentres

## Accessories and Replacement Parts









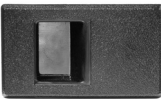


Selection

INSTA WIRE™

### Selection and Ordering Data

LOADCENTRES

Catalogue Number			Description	Std. Pkg.
Tie Handle				
ECQTH2		QT Dual Tie Handle-Floating		25
ECQTH3		Q 2-Pole Tie Handle		50
QTH4		QT Dual Tie Handle - Bar Type		5
Blocking Device				
ECQL1		Handle Blocking Device (1,2 or 3 Pole)		10
ECQLD3		Padlocking Device (1,2 or 3 Pole) for full module breakers		
ECPLD1		Padlocking Device (1 Pole) for Twin type breakers		3
ECPLD2		Padlocking Device (2 Pole) for Quad type breakers		
Lock				
ECQFL2		Add-A-Lock (all EQ Loadcentres)		1
Neutral Lug Kits				
LK2		No. 4-2/0 CU/AL		1
LK3		No. 1-300 MCM CU/AL		
LK4		No. 1-400 MCM CU/AL		
Lug Kit <sup>®</sup>				
ECLK2225		No. 2-300 MCM CU/AL		1
Miscellaneous				
QF3		Three 1-Pole Fillers		1
SL3		Sliding Black Latch		
SL3W		Sliding White Latch		
IG21		Insulated Ground Bar Kit		
Truck-Kit		Contractor Truck Kit		
TRIMSCK1Z		Screws for trims "Zink"		
CIRNOLA32		Circuit labels up to 32 circuits for SEQ 125A		
CIRNOLA40		Circuit labels up to 40 circuits		
CIRNOLA60		Circuit labels up to 60 circuits		
DIRLBLK-EQLSEQ		Directory labels EQL, SEQ		
DIRLBLK-SM		Directory labels SEQ side mounted NMMB		
DIRLBLKSEQ60		Directory Card "Package of 25"		
MAINLBLK-EQLSEQ		Replacement Main Label Kit SEQ-EQL		
TUP-RA236QF		White Powder Coat Spray Paint		
TUP-PL126Q		Grey Powder Coat Spray Paint		

		
ECQTH2	ECQTH3	QTH4
		
ECQL1		
		
ECQFL2		
		
LK2	LK3	
		
SL3	Truck Kit	IG21

®These lug kits simply plug on to the bus of any SEQ or EQL Loadcentre as sub-feed or through-feed lugs to take advantage of CEC Rule 14-100 (c).

# Loadcentres

## Accessories for SNC Loadcentres

*Selection*

Catalogue Number	Description	Std Pkg.
<b>Screws</b>		
ECTS2	LC TRIM SCREWS	6
ECTS2W	LC TRIM SCREWS WHITE	6
<b>Neutral Lug Kit</b>		
ECLKB1	Neutral Lug Kit With Bond Tab	TBA
ECLK1-2	Neutral Lug Kit #4 To 2/0	TBA
ECLK2	Neutral Lug Kit #4-2/0	TBA
ECLK3	Neutral Lug Kit #1-300	TBA
ECLK2N	Neutral Lug Kit 100A-125A	TBA
ECLK3N	Neutral Lug Kit 150A-225A	TBA
ECLK2125	125A Sub Feed Lugs (Uses 2 Spaces)	TBA
ECLK2225	150A-225A Sub Feed Lugs (Uses 4 Spaces)	TBA
ECNB10N	(Left Hand Neutral Bar Kit, 10 position)	TBA
ECNBX6	(Neutral Extension Bar Kit, 6 position)	TBA
ECNBX10	(Neutral Extension Bar Kit, 10 position)	TBA
ECNBX15	(Neutral Extension Bar Kit, 15 position)	TBA
<b>Ground Bar Kit</b>		
EC1GB8	Ground Bar Kit-8 Pos	TBA
EC1GB82	Ground Bar Kit-8 Pos, 2/0 Lug	TBA
EC2GB12	Ground Bar Kit-12 Pos	TBA
EC2GB122	Ground Bar Kit-12 Pos, 2/0 Lug	TBA
EC2GB15	Ground Bar Kit-15 Pos	TBA
EC2GB152	Ground Bar Kit-15 Pos, 2/0 Lug	TBA
EC3GB21	Ground Bar Kit-21 Pos	TBA
EC3GB212	Ground Bar Kit-21 Pos, 2/0 Lug	TBA
EC3GB27	Ground Bar Kit-27 Pos	TBA
EC3GB272	Ground Bar Kit-27 Pos, 2/0 Lug	TBA
EC3GB30	Ground Bar Kit-30 Pos	TBA
EC3GB302	Ground Bar Kit-30 Pos, 2/0 Lug	TBA
EC3GB352	Ground Bar Kit-35 Pos, 2/0 Lug	TBA
EC3GB352G	Ground Bar Kit-35 Pos, 2/0 Lug	TBA
<b>Main Breaker Kit</b>		
MBK100A	Main Breaker Kit	TBA
MBK125A	Main Breaker Kit	TBA
MBK150A	Main Breaker Kit	TBA
MBK200A	Main Breaker Kit	TBA
<b>Main Lug Kit</b>		
ECMLK125	Main Lug Kit 100-125A	TBA
ECMLK225	Main Lug Kit 150-225A	TBA
<b>Miscellaneous</b>		
ECCS1	Collar Strap For Grd Bars #14-1/0	TBA
ECCS2	Collar Strap For Grd Bars #6-250	TBA
ECRLK250	Riser Lug Kit 250 kcmil	TBA
ECLK2SC	2/0 Lug For 125 A Neutral Feeder	TBA
ECQFL2	Flush Lock Kit For ULT., PL, ES, 3Ph, 100A-225A	TBA
ECQF3	QP/BQ/ED2 Filler Plate	TBA
ECADHLCDIRLBL	Adhesive LC Directory Labels	TBA
ECLCHINGE	Grey LC Hinges	TBA
ECSIELATCH	Siemens LC Latches	TBA
ECBONDSCRW	LC Bond Screw	TBA
ECAFL	Arc Flash Label	TBA
ECSIELATCH	Siemens LC Latches	TBA
ECBONDSCRW	LC Bond Screw	TBA
ECAFL	Arc Flash Label	TBA
ECSBPK01	For use on load centers or meter combinations that will accept 2-pole circuit breakers opposite one another .	TBA
ECSBPK02	For use on load centers or meter combinations that will accept 2- or 4-pole next to a 2-pole circuit breaker side by side .	TBA
ECSBPK05	For use on load centers or meter combinations that will accept a QNR (MD-TR) frame circuit breaker next to a 2-pole circuit breaker .	TBA
ECSBPK06	ECSBPK06 For use on load centers or meter combinations that will accept a QN (MD-T) frame circuit breaker next to a 2-pole circuit breaker .	TBA
ECSBPK07	ECSBPK07 For use on load centers or meter combinations that will accept two QNR (MD-TR) circuit breakers side by side as shown OR will accept two QN (MD-T) circuit breakers side by side .	TBA

1  
LOADCENTRES

# Loadcentres



## Accessories and Replacement Parts

*Selection*





LOADCENTRES

### SEQ Loadcentres

	# of Circuits	Catalogue Number	Door Kit		Door & Trim	
			Grey	White	Grey	White
 <b>Door Kit</b>	12/24	SEQ12060SM	DK1216SM-1	DK1216SM-1W	DK12SM	DK12SMW
	16/32	SEQ16060SM			DK16SM	DK16SMW
	24/48	SEQ24060SM	DK24SM-1	DK24SM-1W	DK24SM	DK24SMW
	12/24	SEQ12100SM	DK1216SM-1	DK1216SM-1W	DK12SM	DK12SMW
	16/32	SEQ16100SM			DK16SM	DK16SMW
 <b>Door &amp; Trim</b>	24/28	SEQ24100SM SEQ24125SMK SEQ24125SM	DK24SM-1	DK24SM-1W	DK24SM	DK24SMW
	24/48	SEQ24150 SEQ24200	N/A	N/A	DKS24-2A	DKS24-2AW
	32/64	SEQ32100SM SEQ32125SM	DK32SM-1	DK32SM-1W	DK32SM	DK32SMW
	32/64	SEQ32150 SEQ32200	N/A	N/A	DKS32-2A	DKS32-2AW
	40/80	SEQ40100 SEQ40125	N/A	N/A	DKS40-1A	DKS40-1AW
	40/80	SEQ40150 SEQ40200	N/A	N/A	DKS40-2A	DKS40-2AW
	60/120	SEQ60200	N/A	N/A	DKS60-2A	DKS60-2AW

### SEQ Loadcentres

 Main Breaker Cover	# of Circuits	Catalogue Number	Main Breaker Cover		Branch Breaker Cover	
			Grey	White	Grey	White
 Branch Breaker Cover	12/24	SEQ12060SM	DKMCSM	DKMCSMW	SEQ12060SM-T	SEQ12060SM-TW
	16/32	SEQ16060SM			SEQ16060SM-T	SEQ16060SM-TW
	24/48	SEQ24060SM			SEQ24060SM-T	SEQ24060SM-TW
	12/24	SEQ12100SM			SEQ12100SM-T	SEQ12100SM-TW
	16/32	SEQ16100SM			SEQ16100SM-T	SEQ16100SM-TW
	24/28	SEQ24100SM SEQ24125SMK SEQ24125SM			SEQ24100SM-T	SEQ24100SM-TW
					SEQ24125SM-T	SEQ24125SM-TW
					SEQ24125SM-T	SEQ24125SM-TW
	24/48	SEQ24150 SEQ24200	N/A <sup>①</sup>	N/A <sup>①</sup>	SEQ24-TA	SEQ24-TAW
	32/64	SEQ32100SM SEQ32125SM	DKMCSM	DKMCSMW	SEQ32100SM-T	SEQ32100SM-TW
SEQ32125SM-T					SEQ32125SM-TW	
32/64	SEQ32150 SEQ32200	N/A <sup>①</sup>	N/A <sup>①</sup>	SEQ32-T	SEQ32-TW	
40/80	SEQ40100 SEQ40125			SEQ40100-T	SEQ40100-TW	
40/80	SEQ40150 SEQ40200			SEQ40-T	SEQ40-TW	
60/120	SEQ60200			SEQ60-T	SEQ60-TW	

① Branch Breaker Cover part covers the main breaker area and branch circuits.



# SNC Loadcentres

## Accessories and Replacement Parts

*Selection*

# of Circuits	Catalogue Number	SNC Trim & Door Kit	
		Grey	White
Main Lug Only			
12/24	SNC1224L1125	RSCT1224L1125	N/A
16/32	SNC1632L1125	RSCT1632L1125	N/A
24/48	SNC2448L1125	RSCT2448L1125	N/A
30/48	SNC3048L1200	RSCT3048L1200	N/A
40/60	SNC4060L1200	RSCT4060L1200	N/A
12/24	SNC1224L1125W	N/A	RSCT1224L1125W
16/32	SNC1632L1125W	N/A	RSCT1632L1125W
24/48	SNC2448L1125W	N/A	RSCT2448L1125W
30/48	SNC3048L1200W	N/A	RSCT3048L1200W
40/60	SNC4060L1200W	N/A	RSCT4060L1200W
Main Breaker Loadcentre			
12/24	SNC1224B1100	RSCT1224B1100	N/A
16/32	SNC1632B1100	RSCT1632B1100	N/A
24/48	SNC2448B1100	RSCT2448B1100	N/A
24/48	SNC2448B1125	RSCT2448B1125	N/A
24/48	SNC2448B1150	RSCT2448B1150	N/A
24/48	SNC2448B1200	RSCT2448B1200	N/A
30/48	SNC3048B1100	RSCT3048B1100	N/A
30/48	SNC3048B1125	RSCT3048B1125	N/A
30/48	SNC3048B1150	RSCT3048B1150	N/A
30/48	SNC3048B1200	RSCT3048B1200	N/A
40/60	SNC4060B1150	RSCT4060B1150	N/A
40/60	SNC4060B1200	RSCT4060B1200	N/A
42/60	SNC4264B1200	RSCT4264B1200	N/A
54/82	SNC5482B1200	RSCT5482B1200	N/A
12/24	SNC1224B1100W	N/A	RSCT1224B1100W
16/32	SNC1632B1100W	N/A	RSCT1632B1100W
24/48	SNC2448B1100W	N/A	RSCT2448B1100W
24/48	SNC2448B1125W	N/A	RSCT2448B1125W
24/48	SNC2448B1150W	N/A	RSCT2448B1150W
24/48	SNC2448B1200W	N/A	RSCT2448B1200W
30/48	SNC3048B1100W	N/A	RSCT3048B1100W
30/48	SNC3048B1125W	N/A	RSCT3048B1125W
30/48	SNC3048B1150W	N/A	RSCT3048B1150W
30/48	SNC3048B1200W	N/A	RSCT3048B1200W
40/60	SNC4060B1150W	N/A	RSCT4060B1150W
40/60	SNC4060B1200W	N/A	RSCT4060B1200W
42/60	SNC4264B1200W	N/A	RSCT4264B1200W
54/82	SNC5482B1200W	N/A	RSCT5482B1200W

# Loadcentres


## Accessories and Replacement Parts

Selection


INSTA WIRE™

LOADCENTRES


### EQL Loadcentres

	# of Circuits	Catalogue Number	Door Kit	
			Grey	White
	2/6	EQL260S	N/A	N/A
	4/8	EQL4100		
	8/16	EQL8100D	DK8-A	DK8-AW
	12/24	EQL12125D	DK12-A	DK12-AW
	16/32	EQL16125D	DK16-A	DK16-AW
	24/48	EQL24125D	DK24-A	DK24-AW
	32/64	EQL32200D	DKL32-2A	DKL32-2AW
	40/80	EQL40200D	DKL40-2A	DKL40-2AW

### EQ3 & EQ4 Loadcentres

	# of Circuits	Catalogue Number		Door Kit	
		EQ3	EQ4	Grey	White
	12	N/A	EQ412100	DKEQ1218	N/A
	18	N/A	EQ418100		
	24	EQ324225	EQ424225	DKEQ2430	N/A
	30	N/A	EQ430225		
	40	EQ340225	N/A	DKEQ42	N/A
	42	N/A	EQ442225		

### EQ3 & EQ4 Service Entrance Rated

	# of Circuits	Catalogue Number		Door Kit	
		EQ3	EQ4	Grey	White
	24	EQ324BQ125	EQ424BQ100	DKEQ24BQ	N/A
	32	EQ332BQ125	N/A	DKEQ42	N/A
	42	N/A	EQ442QR100	DKEQ42QR	N/A
			EQ442QR125 EQ442QR125C EQ442QR150 EQ442QR200	DKEQ42QR	N/A


# Loadcentres

## Accessories and Replacement Parts


Selection

1  
LOADCENTRES


### EQL Loadcentres

	# of Circuits	Catalogue Number	Door Kit	
			Grey	White
	2/6	EQL260S	N/A	N/A
	4/8	EQL4100		
	8/16	EQL8100D	DK8-A	DK8-AW
	12/24	EQL12125D	DK12-A	DK12-AW
	16/32	EQL16125D	DK16-A	DK16-AW
	24/48	EQL24125D	DK24-A	DK24-AW
	32/64	EQL32200D	DKL32-2A	DKL32-2AW
	40/80	EQL40200D	DKL40-2A	DKL40-2AW


### SNC Loadcentres

	# of Circuits	SNC Catalogue Number	SNC Door Kit	
			Grey	White
	12/24	US2:SNC1224L1125	US2:RSCT1224L1125	US2:RSCT1224L1125W
	16/32	US2:SNC1632L1125	US2:RSCT1632L1125	US2:RSCT1632L1125W
	24/48	US2:SNC2448L1125	US2:RSCT2448L1125	US2:RSCT2448L1125W
	30/48	US2:SNC3048L1200	US2:RSCT3048L1200	US2:RSCT3048L1200W
	40/60	US2:SNC4060L1200	US2:RSCT4060L1200	US2:RSCT4060L1200W
	12/24	US2:SNC1224L1125W	US2:RSCT1224L1125	US2:RSCT1224L1125W
	16/32	US2:SNC1632L1125W	US2:RSCT1632L1125	US2:RSCT1632L1125W
	24/48	US2:SNC2448L1125W	US2:RSCT2448L1125	US2:RSCT2448L1125W
	30/48	US2:SNC3048L1200W	US2:RSCT3048L1200	US2:RSCT3048L1200W
	40/60	US2:SNC4060L1200W	US2:RSCT4060L1200	US2:RSCT4060L1200W

### EQ3 & EQ4 Loadcentres

	# of Circuits	Catalogue Number		Door Kit	
		EQ3	EQ4	Grey	White
	12	N/A	EQ412100	DKEQ1218	N/A
	18	N/A	EQ418100		
	24	EQ324225	EQ424225	DKEQ2430	N/A
	30	N/A	EQ430225		
	40	EQ340225	N/A	DKEQ42	N/A
	42	N/A	EQ442225		

### EQ3 & EQ4 Service Entrance Rated

	# of Circuits	Catalogue Number		Door Kit	
		EQ3	EQ4	Grey	White
	24	EQ324BQ125	EQ424BQ100	DKEQ24BQ	N/A
	32	EQ332BQ125	N/A	DKEQ42	N/A
	42	N/A	EQ442QR100	DKEQ42QR	N/A
			EQ442QR125 EQ442QR125C EQ442QR150 EQ442QR200	DKEQ42QR	N/A

# Loadcentres Surge Protection

## Circuit Breaker and Surge Protective Device (SPD)

Selection

LOADCENTRES

### 1 Features

- 2 inch wide plug-on design
  - Includes (2) 1 Pole circuit breakers
  - No loss of loadcentre spaces
- Easy to install and perfect for retrofit
- LEDs provide protection status

### Benefits

By installing a Siemens Circuit Breaker and Surge Protective Device (SPD) in the loadcentre of the residence, surge protection is provided for all branch circuits<sup>①</sup>.

Two green LED indicator lights are provided to show that surge protection is provided for all circuits connected to the loadcentre. These breakers should be used for circuit protection of frequently used household or facility circuits because the lights and devices connected to these circuits provide an effective indication that surge protection is being provided.

The circuit breaker and SPD utilize Siemens-built 150V AC, 40mm, metal oxide varistors (MOVs). The maximum impulse rating for the SPD module is 40kA. The standard interrupting rating for the circuit breakers is 10k AIC. All Type QP circuit breakers and SPD are plug-on style, with load terminals provided. The devices are rated for 120/240V AC and are calibrated for 40 degrees C maximum ambient applications.

Breaker Type	Ampere Rating	Catalogue Number	Surge Type
QP 1- Pole 120/240V AC 10K AIC	(2) 15	QSA1515SPD	SPD
	(2) 20	QSA2020SPD	SPD

Catalogue Number	QSA1515SPD QSA2020SPD
Amperage	15 or 20 Amp
Number of Poles	(2) 1-Pole Circuit Breakers
Initial Clamping Level	240 Volts
Transient Energy Rating	360 Joules line-to-neutral 720 Joules line-to-line
Transient Suppression	500 volts peak, line-to-neutral
Voltage Rating	1000 volts peak, line-to-line
Peak Current Rating (impulse)	40,000 amperes
Discharge Voltage Characteristic	@ 1,500A, 600 volts @ 5,000A, 800 volts (both line-to-neutral)
Discharge Current Withstand Rating	10,000 amperes line-to-neutral
Circuit Breaker Interrupting Rating	10,000A, 120/240V AC
Listings/Certifications	UL, CSA Meets UL 1449 4th Edition



<sup>①</sup> For warranty information please refer to the surge website [www.usa.siemens.com/surge](http://www.usa.siemens.com/surge)

# Loadcentres Surge Protection

## BoltShield™ Surge Protective Devices

Selection

### QSPD series for loadcentres

Surge Protective Devices (SPDs) provide the best protection from both externally and internally generated surges when located as close to the building distribution system as possible. For cost and space reasons many buildings only include one SPD located at the main incoming loadcentre and do not cascade SPDs throughout the building as recommended by IEEE. The new Siemens QSPD series of SPDs are economical and easy to install in most panels throughout a building so that whole facility protection can be obtained.

#### Features & Benefits

- UL 1449 SPD Type 1<sup>①</sup>
- Monolithic distribution grade MOV
- Thermally protected MOV
- 65kA surge current protection per phase
- 20kA I-nominal ratings
- 200kA SCCRs
- 10 year standard warranty
- Audible Alarm

#### Product specifications

General specifications	
Maximum surge current rating range	65kA per phase
UL Type designation	SPD Type 1*
UL 1449 I-nominal rating	20kA
UL 1449 short circuit current rating	200kA
Repetitive impulse	5,000 hits
Response time	<1 ns

Physical specifications		
Humidity range	0-95% non-condensing	
Operating frequency	0-415Hz	
Operating temperature	-25°C to +60°C	
Dimensions in inches (mm)	2 pole	3 (77.9) x 2 (50.4) x 2.6 (65.3)
	3 pole	3 (77.9) x 3 (75.2) x 2.6 (65.3)
Weight	2 pole	0.64 lbs (237 g)
	3 pole	0.71 lbs (335 g)
Neutral/ground connection	#14 AWG (pre-wired)	



Diagnostic monitoring specifications
Green/red visual mechanical flag failure indicators
Flashing dual colour led (green/red) status indicator
Audible alarm w/ silence switch/button

Design specifications
Monolithic distribution grade MOV
Integrated optimized thermal protection
Fits in footprint of Siemens QP breaker
Modes of protection (L-N or L-G, L-L)

<sup>①</sup> Type 1 SPDs suitable for use in Type 2 applications

# Loadcentres Surge Protection

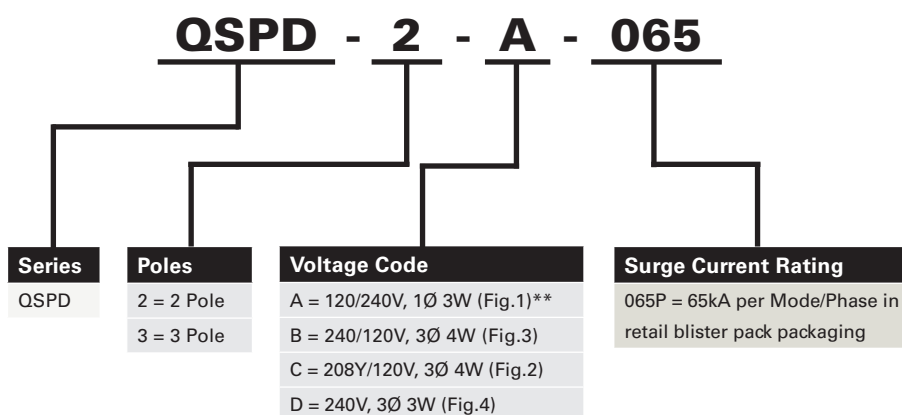
## BoltShield™ Surge Protective Devices

*Selection*

UL 1449 performance data and ordering information							
System voltage	L-N (L-G)	L-L	I <sub>n</sub>	SCCR	MCOV	Catalog numbers	Siemens breaker form factor
120/240V, 1Ø, 3W**	600V	1000	20kA	200kA	150V	QSPD2A065P*	2-P, Type Q Plug-In
240/120V, 3Ø, 4W	600V/900V	1200	20kA	200kA	150V	QSPD3B065	3-P, Type Q Plug-In
208Y/120V, 3Ø, 4W	600V	1000	20kA	200kA	150V	QSPD3C065	3-P, Type Q Plug-In
240V, 3Ø, 3W	900V	1500	20kA	200kA	280V	QSPD3D065	3-P, Type Q Plug-In
*QSPD2A065P comes in retail style blister pack packaging.							
**Can also be used on 208Y/120V, 1Ø, 3W System.							

Standards compliance and certifications	
UL 1449 5 <sup>th</sup> Edition, cUL, UL 96A compliant, CSA C22.2 No 269.1 & .2, ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002, NEC Article 285	
ISO 9001:2014 quality management system, ISO 17025:2007 laboratory certification (UL DAP Program) , 100% quality tested prior to shipping	

### Catalogue Number Logic



\*\*Can also be used on 208Y/120V, 1Ø, 3W System

### Benefits of installing multiple QSPDs

Adding multiple QSPDs in a single load center can increase the modes of protection and the surge capacity. See the Boltshield brochure for more details and review the example chart below:

Number of QSPDs	Connection	Modes of protection	Surge current capacity per mode	Surge current capacity per phase
1	Neutral	3	65kA	65kA
2	Neutral + Ground	6	65kA	130kA
2	Neutral	3	130kA	130kA
3	Neutral(2) + Ground(1)	6	130kA(L-N) + 65kA (L-G)	195kA
3	Ground	3	195kA	195kA
4	Neutral(2) + Ground(2)	6	130kA	260kA



# Loadcentres Surge Protection

## Power Service Entrance Surge Protection

Selection

### Total Home Protection

Siemens believes today's residential surge protectors come up short when protecting today's modern home filled with smart appliances and electronics.

This is why we developed commercial class total home surge protectors. These electrical system surge protectors are sized for where you live. They will let you know when there is something wrong or when they are worn out.

### Know You're Protected:

#### 3 Stage Commerical Grade Notification

When there is a problem, Siemens surge protector takes the guesswork out of knowing when it is time to be replaced. What will you see and hear when this occurs?

Audible Alarm: Beeps (available in select models)  
Green LED(s): Extinguish(es)  
Red Service Light: Flashes (available in select models)

### Ground Reference Monitoring (GRM)

Selected models of surge protectors are GRM-equipped notifying you a rare safety hazard exists due to a compromised electrical system neutral to ground bond. What will you see and hear when this occurs?

Audible Alarm: Beeps (available in select models)  
Green LED(s): Remains Lit  
Red Service Light: Flashes (available in select models)

### BoltShield™ FSPD

FSPD's are a line of surge protective devices for residential and commercial solutions. Listed as type 2 devices, the balanced defense and robustness provide assurance to property owners that their modern homes, buildings and appliances are fully protected.

Material ID	Surge current rating
FSPD036	36kA
FSPD060	60kA
FSPD100	100kA
FSPD140	140kA

### FSPD036 Specifications

Design
Custom MOV design for high energy handling in Category C locations
Thermally protected MOV's
External parallel connected for mounting to electrical gear
Reduced mode of protection (L1-n, L2-N)
Diagnostic and Monitoring
LED Protection Status Monitoring (Single LED Standard)

### FSPD060, FSPD100, FSPD140 Specifications

Design
Custom MOV design for high energy handling in Category C locations
Thermally protected MOV's
External parallel connected for mounting to electrical gear
All modes of protection (L-N, L-G, N-G)
Diagnostic and Monitoring
Phase Loss Monitoring (Standard)
Audible Alarm (Standard)
Form C Dry Contact, 240V, 2A (Standard)
2 GREEN LEDs - one for each Line disconnect
1 RED LED - flashes if fault condition:
GRM (Ground Reference Monitoring), N-G voltage > 20V detected.

### Features & Benefits

- Surge current capacity – the FSPD offers different surge protector sizes based upon geographic location and thunderstorm activity.
- FSPD: 36kA, 60kA, 100kA and 140kA
- 3-Stage– when the device wears out, the protection status LEDs extinguish, an audible alarm beeps, and a red service light flashes to warn the property owner.
- Modes of protection – the electrical system's primary paired conductor combinations of L-N, L-G, and N-G are directly surge protected. Exception – the low cost FSPD036 has a reduced mode of protection (L1-N, L2-N).
- Ground reference monitoring – GRM diagnostics monitor the health of a unit's neutral to ground bond and alert the property owner if the bond becomes loose, preventing a potential safety issue.
- Safety – The FSPD can achieve UL1449 listed 100kA SCCR - one of the highest ratings for residential surge protection.
- Compatibility – device installs in any load center brand.
- FSPD060, FSPD100, FSPD140:  
10-year product and connected equipment warranty.

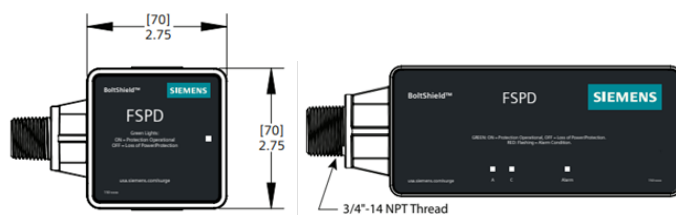


FSPD 060, FSPD 100, FSPD 140



FSPD 036

Material ID	Voltage Code	System Voltage	L-N	L-G	L-L	N-G	MCOV
FSPD036	A		700	—	1200	—	
FSPD060, FSPD100, FSPD140	A	120/240, 1Ø, 3W	700	700	1200	700	150



### Size and Mechanical Specifications (in.)

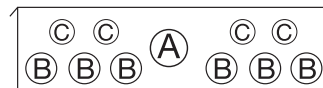
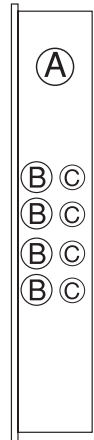
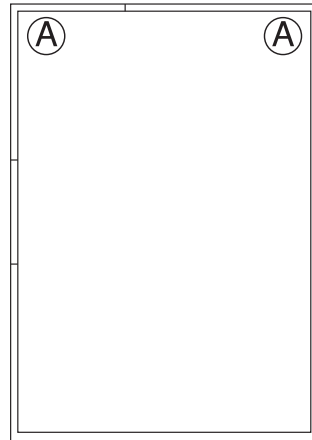
	FSPD036	FSPD060, FSPD100, FSPD140
Dimensions	4.25" x 2.41" x 2.75"	7.95" x 3.06" x 2.75"
Weight	0.46 lbs.	1.38 lbs.
Enclosure Type	Polycarbonate NEMA 4X	
Installation Type	Indoor/Outdoor	
Mounting Method	Flush/Flange/Through-hole	

# Loadcentres

## Knockout Data

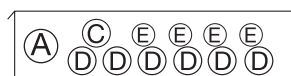
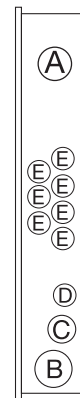
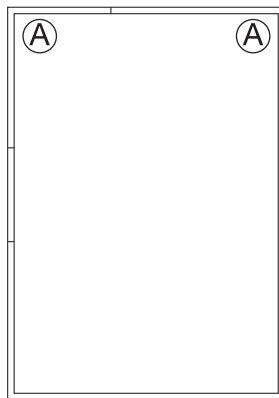
*Selection*

K.O. Qty					
		A	B	C	D
EQL8	Box	6	6	6	4
	Top	1	6	4	2
	Bot.	1	6	4	2
EQG 6 EQL 12 EQG 8NSND	Box	6	6	6	4
	Top	1	6	4	2
	Bot.	1	6	4	2
EQG 10 EQL 16 EQG 12NSND	Box	6	8	8	4
	Top	1	6	4	2
	Bot.	1	6	4	2
K.O. Trade Dia.					
A	3/4" - 1" - 1 1/4" - 1 1/2"				
B	1/2" - 3/4"				
C	1/2"				
D	1/4"				

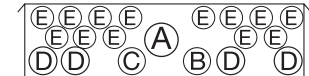


Top and Bottom

K.O. Qty.						
		A	B	C	D	E
EQG 18	Box	4	2	-	18	16
EQL 24	Top	1	-	1	6	4
EQG 20NSND	Bot.	1	-	1	6	4
EQG 24	Box	4	2	2	2	36
EQL 32	Top	1	1	1	4	13
EQG 28NSND	Bot.	1	1	1	4	13
EQL 34	Box	4	2	2	2	36
EQL 40	Top	1	1	1	4	13
EQG 36NSND	Bot.	1	1	1	4	13
K.O. Trade Dia.						
A	1 1/4" - 1 1/2" - 2" - 2 1/2"					
B	3/4" - 1" - 1 1/4"					
C	1/2" - 3/4" - 1"					
D	1/2" - 3/4"					
E	1/2"					



Top and Bottom for  
EQL 24  
EQG 18  
EQG 20NSND



Top and Bottom for  
EQL 32 & 40 cir.

# Loadcentres

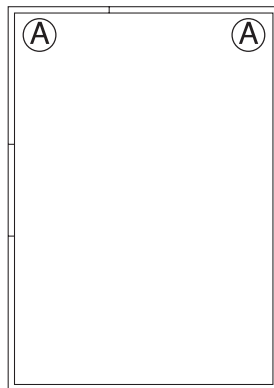
## Knockout Data

**Selection**

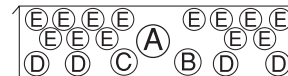
Service Entrance Loadcentres with Plug-in Breakers

1  
LOADCENTRES

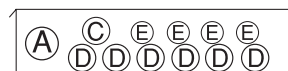
		K.O. Qty.				
		A	B	C	D	E
SEQ 12 SM	Box	4	2	0	10	8
SEQ 16 SM	Top	3	0	0	0	2
	Bot.	1	0	1	6	4
SEQ 24 SM	Box	4	2	-	18	16
SEQ 32 SM	Top	3	-	-	-	2
	Bot.	1	-	1	6	4
	Box	4	2	2	2	22
SEQ 24	Top	1	1	1	4	13
	Bot.	1	1	1	4	13
	Box	4	2	2	2	36
SEQ 32	Top	1	1	1	4	13
	Bot.	1	1	1	4	13
	Box	4	2	2	2	36
SEQ 40	Top	1	1	1	4	13
	Bot.	1	1	1	4	13
	Box	4	2	2	2	68
SEQ60200	Top	1	1	1	4	13
	Bot.	1	1	1	4	13
		K.O. Trade Dia.				
A		1 1/4" - 1 1/2" - 2" - 2 1/2"				
B		3/4" - 1" - 1 1/4"				
C		1/2" - 3/4" - 1"				
D		1/2" - 3/4"				
E		1/2"				



Top for SEQ 12-16-24-32 SM



Top and Bottom for  
SEQ 24-32, 40, 60

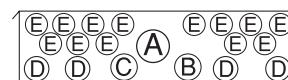


Bottom for SEQ 12-16-24-32 SM

### Service Entrance Loadcentres (Type 3R) Bottom Only



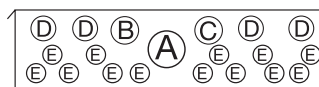
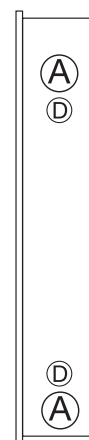
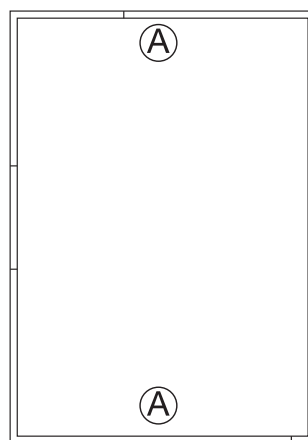
SEQ 16- 24- 32 SM



SEQ 24- 32- 40

EQ Loadcentres with Plug-in or Bolt-on Breakers

		K.O. Qty.				
		A	B	C	D	E
All	Box	6	-	-	4	-
EQ 1PH	Top	1	1	1	4	13
EQ 3PH	Bot.	1	1	1	4	13
		K.O. Trade Dia.				
A		1 1/4" - 1 1/2" - 2 1/2"				
B		3/4" - 1" - 1 1/4"				
C		1/2" - 3/4" - 1"				
D		1/2" - 3/4"				
E		1/2"				

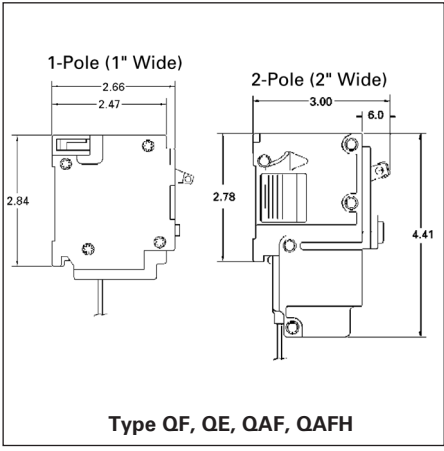
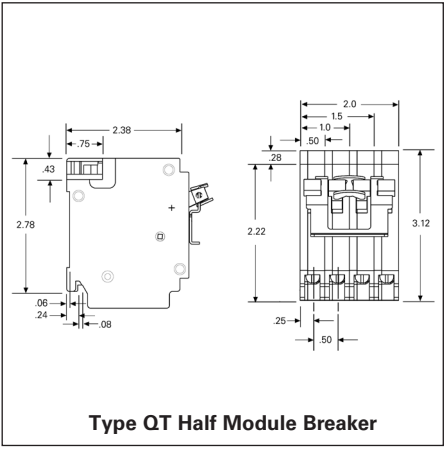
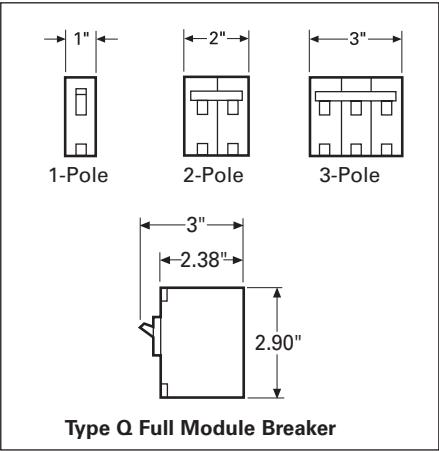


Top and Bottom

# Loadcentres

## Line Diagrams/Dimension Drawings for Circuit Breakers/Lug Data

Selection



### Lug Data

Circuit Breaker Type	Circuit Breaker Ampere Rating	Cables Per Connector	Connector Wire Range
LOAD SIDE			
Q	15-30	1 1	#14-#8 AWG Cu #12-#8 AWG Al
	40-50	1 1	#8-#6 AWG Cu #8-#4 AWG Al
	60-70	1 1	#6-#2/0 AWG Cu #6-#2/0 AWG Al
	80-125	1 1	#8-#2/0 AWG Cu #8-#2/0 AWG Al
QNR	150-200	1	#1-300kcmil Cu-Al
QT	15-30	1 1	#14-#8 AWG Cu #12-#8 AWG Al
	40	1	#8 AWG CU-Al
QF, QE	15-30	1 1	#14-#10 AWG Cu #12-#8 AWG Al
	40-60	1 1	#8-#6 AWG Cu #8-#4 AWG Al
QAF, QAFH	15-20	1 1	#14-#12 AWG Cu #12-#10 AWG Al

