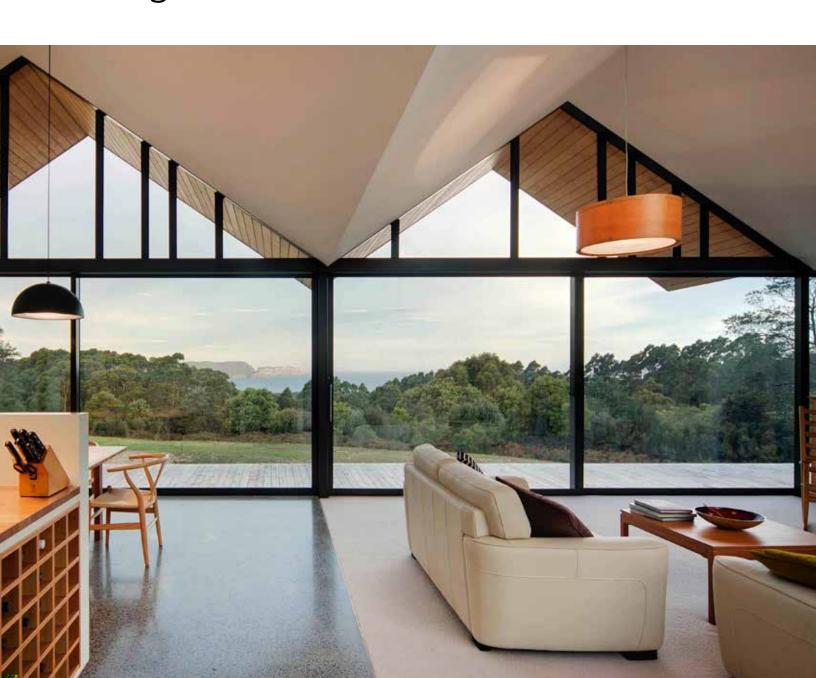


CANADIAN CATALOG | JANUARY 2018

# SENTRICITY™ Loadcentres and Circuit Breakers

Raising the standard in residential.



Your home has a power like no other.

The power to comfort us, keep us safe and give us peace of mind. A power only true if the loadcentre solution can do the same.

That's why ABB, the inventor of the resettable circuit breaker, has brought its world-class brand of electrical innovation to the residential marketing with SENTRICITY™ Loadcentres and Circuit Breakers.

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**Drawings and knockouts** 

### Residential solution

### Your home has a power like no other.

The power to comfort us, keep us safe and give us peace of mind. A power only true if the loadcentre solution can do the same. That's why ABB, the inventor of the resettable circuit breaker, has brought its global brand of electrical innovation to the residential market with our new SENTRICITY™ Loadcentres and Circuit Breakers.

For SENTRICITY™, ABB has combined our components with premium features to create a residential product that's anything but standard. SENTRICITY™ delivers greater value to contractors, distributors, homebuilders, and homeowners alike.

For superior safety and quality you can depend on, turn to SENTRICITY™ Loadcentres and Circuit Breakers and ABB.

#### We know the power of home.



Faster. Easier. Safer. Better.



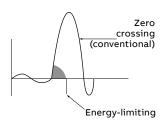
### Superior safety you can see.

Like a 24-hour sentry, SENTRICITY™ Loadcentres and Circuit Breakers protect electrical circuits with energy-limiting technology. The SENTRICITY™ residential solution includes the loadcentre, Miniature Circuit Breakers (MCBs), Ground Fault Circuit Interrupters (GFCIs), Combination Arc Fault Circuit Interrupters (AFCIs), and Surge Protective Devices (SPDs). The SENTRICITY™ residential solution also includes LED lights on its AFCIs and GFCIs to indicate proper function. Also included is a visual trip indicator on its MCBs, usually only found on

#### Why energy-limiting technology?

premium units.

Energy-limiting technology interrupts the circuit up to three times faster than conventional circuit breaker technology. This limits the intensity of the short circuit and reduces the likelihood of collateral damage.



### Faster, easier installation.

ABB, along with electrical contractors, designed the SENTRICITY™ Loadcentres and Circuit Breakers for faster and easier installation. Smart features—including keyhole mounting slots and simplified plug-on neutral AFCIs, GFCIs, and SPDs that eliminate pigtails—help streamline every job. Even more remarkable, SENTRICITY™ includes self-testing AFCIs and GFCIs. AFCI trip diagnostics makes it easy to determine the cause of the AFCI interruption.

### Why ABB?

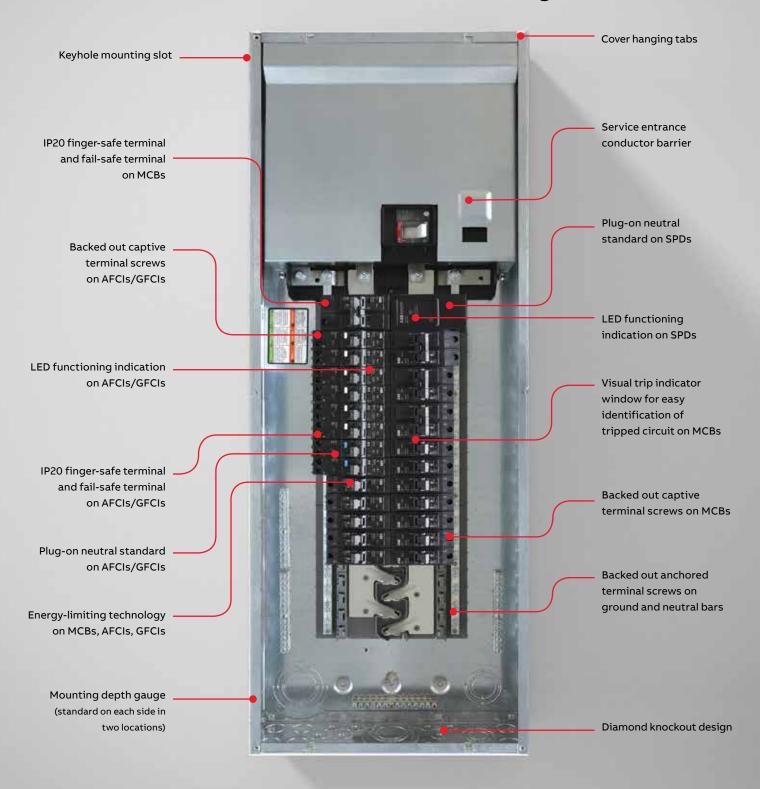
ABB has long been known as a pioneering technology leader. ABB's Hugo Stotz invented the resettable circuit breaker in 1923. We continue to be a leader of circuit protection innovation. Today, we offer electrical innovations that drive efficiency, safety, and productivity for utility, industry, transportation and infrastructure customers around the world.

### **SENTRICITY<sup>TM</sup>**

# Loadcentres and Circuit Breakers advantages

Features		Benefits
Energy-limiting technology for MCBs, AFCIs, GFCIs	•	Fastest short circuit interruptions in the industry
LED functioning indication on AFCIs, GFCIs, SPDs		Ensures operational functionality
Fail-safe terminals on MCBs, AFCIs, GFCIs		Helps ensure wire is fed properly into the terminal
Multi-trip indication on AFCIs		Easier troubleshooting cause of trip
Plug-on neutral standard on AFCIs, GFCIs, SPDs		Quicker installation and maximizes wire gutter space
Captive terminal screws on MCBs, AFCIs, GFCIs		Prevents terminal screws from backing/falling out
Keyhole mounting slots	•	Helps ensure proper flush installation
Diamond knockout design		Easy removal of knockout in flush application for addition of more circuits
IP20 finger-safe terminals on MCBs, AFCIs, GFCIs		Reduce opportunity for inadvertent shock
Backed out terminal screws on MCBs, AFCIs, GFCIs, neutral and ground bars		Eliminates up to 50% of work required for terminating wires
Visual trip indicator window on 1 inch MCBs.	•	Easy identification of tripped circuit
Cover hanging tabs		Allows hands-free cover screw installation

## Loadcentres and Circuit Breakers advantages



# Main lug type 1 indoor loadcentres

ABB, along with electrical contractors, designed the SENTRICITY™ Loadcentres for faster and easier installation.

SENTRICITY™ Loadcentres deliver the best features available on the market into one standard offering.

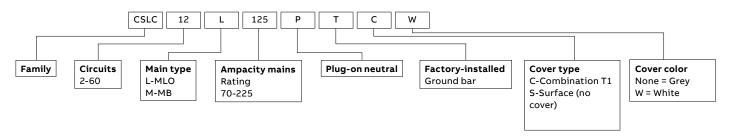
#### Features:

- Service entrance rated
- · Factory installed ground bar
- · Keyhole mounting slots
- · Diamond knockout design
- Backed out anchored terminal screws on ground and neutral bars
- · Cover hanging tabs
- · Galvanized enclosure, painted cover
- · Main incoming lug
- CSA certified

#### Main lug fixed type 1 enclosure (indoor) - 22 kAIC SCCR; 120/240 Vac - 1Ø3W - CSA certified

	Mains rating	Max. nbr of circuits	Complete loadcentre (Enclosure, interior and cover) <sup>1</sup> part number	Max. permissible main incoming wire size (Cu or Al)	Equipment ground bar kit (included)	Enclosure Width (in / mm)	Enclosure Height (in/mm)	Enclosure depth (in / mm)
A COLUMN	70 A	2	CSLC2L70TS 2,3	1/0	Installed	5.00 / 127	10.25 / 261	3.25 / 83
E3 -	100 A	6	CSLC6L100PTS 2,3	2/0	Installed	10.00 / 254	15.00 / 381	4.00 / 102
WI THE		6	CSLC6L125PTS <sup>2</sup>	2/0	Installed	10.00 / 254	18.25 / 464	4.00 / 102
		8	CSLC8L125PTC (W)	2/0	Installed	14.25 / 362	16.06 / 408	3.94 / 100
1 3 1	125 A	12	CSLC12L125PTC (W)	2/0	Installed	14.25 / 362	19.50 / 495	3.94 / 100
11311	125 A	20	CSLC20L125PTC (W)	2/0	Installed	14.25 / 362	23.50 / 597	3.94 / 100
		24	CSLC24L125PTC (W)	2/0	Installed	14.25 / 362	30.50 / 775	3.94 / 100
11511		32	CSLC32L125PTC (W)	2/0	Installed	14.25 / 362	30.50 / 775	3.94 / 100
Illine. III	200 A	16	CSLC16L200PTC (W)	300 kcmil	Installed	14.25 / 362	30.50 / 775	3.94 / 100
mining		20	CSLC20L225PTC (W)	300 kcmil	Installed	14.25 / 362	30.50 / 775	3.94 / 100
	225 A	32	CSLC32L225PTC (W)	300 kcmil	Installed	14.25 / 362	35.50 / 902	3.94 / 100
		40	CSLC40L225PTC (W)	300 kcmil	Installed	14.25 / 362	39.50 / 1003	3.94 / 100

NOTE: The appropriate wire size must be chosen according to the current rating of the main or feeding breaker.



<sup>&</sup>lt;sup>1</sup> C = Combination surface/flush, CW = Combination surface/flush white

<sup>&</sup>lt;sup>2</sup> S = Surface, no door

<sup>&</sup>lt;sup>3</sup> Nominal current cannot exceed panel rating

### Main circuit breaker type 1 indoor loadcentres

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SENTRICITY  $^{\text{\tiny TM}}$  Loadcentres deliver the best features available on the market into one standard offering.

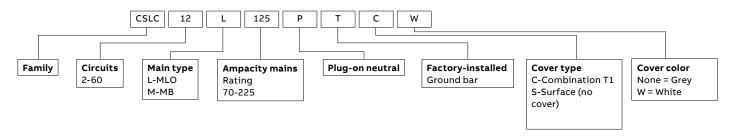
#### Features:

- Service entrance rated
- · Factory installed ground bar
- · Keyhole mounting slots
- · Diamond knockout design
- Backed out anchored terminal screws on ground and neutral bars
- · Cover hanging tabs
- · Galvanized enclosure, painted cover
- Main circuit breaker (factory installed)
- CSA certified

#### Main circuit breaker (factory installed) type 1 enclosure (indoor) - 22 kAIC SCCR; 120/240 Vac - 1Ø3W - CSA certified

	Mains rating	Max. nbr of circuits	Complete loadcentre (Enclosure, interior and cover) <sup>1</sup> part number	Max. permissible main incoming wire size (Cu or Al)	Equipment ground bar kit (included)	Enclosure Width (in / mm)	Enclosure Height (in/mm)	Enclosure depth (in / mm)
	100 A	8	CSLC8M100PTC (W)	2/0	Installed	14.25 / 362	19.50 / 495	3.94 / 100
		12	CSLC12M100PTC (W)	2/0	Installed	14.25 / 362	19.50 / 495	3.94 / 100
1000000		20	CSLC20M100PTC (W)	2/0	Installed	14.25 / 362	23.50 / 597	3.94 / 100
		24	CSLC24M100PTC (W)	2/0	Installed	14.25 / 362	30.50 / 775	3.94 / 100
STILL IT		32	CSLC32M100PTC (W)	2/0	Installed	14.25 / 362	30.50 / 775	3.94 / 100
131	125 A	16	CSLC16M125PTC (W)	2/0	Installed	14.25 / 362	23.50 / 597	3.94 / 100
3 1		24	CSLC24M125PTC (W)	2/0	Installed	14.25 / 362	30.50 / 775	3.94 / 100
1 5 11		32	CSLC32M125PTC (W)	2/0	Installed	14.25 / 362	35.50 / 902	3.94 / 100
151	150 A	32	CSLC32M150PTC (W)	300 kcmil	Installed	14.25 / 362	35.50 / 902	3.94 / 100
3		40	CSLC40M150PTC (W)	300 kcmil	Installed	14.25 / 362	39.50 / 1003	3.94 / 100
September 1	200 A	20	CSLC20M200PTC (W)	300 kcmil	Installed	14.25 / 362	30.50 / 775	3.94 / 100
		32	CSLC32M200PTC (W)	300 kcmil	Installed	14.25 / 362	35.50 / 902	3.94 / 100
	_	40	CSLC40M200PTC (W)	300 kcmil	Installed	14.25 / 362	39.50 / 1003	3.94 / 100
		60	CSLC60M200PTC (W)	300 kcmil	Installed	14.25 / 362	51.50 / 1308	3.94 / 100
	225 A	44	CSLC44M225PTC (W)	300 kcmil	Installed	14.25 / 362	43.50 / 1105	3.94 / 100

NOTE: The appropriate wire size must be chosen according to the current rating of the main or feeding breaker.



 $<sup>^{1}</sup>$  C = Combination surface/flush, CW = Combination surface/flush white

### Main lug type 3R outdoor loadcentres

ABB, along with electrical contractors, designed the SENTRICITY™ Loadcentres for faster and easier installation.

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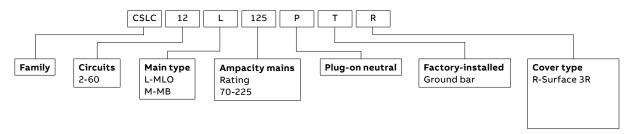
#### Features:

- Service entrance rated
- · Factory installed ground bar
- Keyhole mounting slots
- · Diamond knockout design
- Backed out anchored terminal screws on ground and neutral bars
- · Cover hanging tabs
- · Galvanized enclosure, painted cover
- Main incoming lug
- CSA certified

### Main lug fixed type 3R enclosure (outdoor) - 22 kAIC SCCR; 120/240 Vac - 1Ø3W - CSA certified

TE P	Mains rating	Max. nbr of circuits	Complete loadcentre (Enclosure, interior and cover) <sup>1</sup> part number	Max. permissible main incoming wire size (Cu or Al)	Equipment ground bar kit (included)	Enclosure Width (in / mm)	Enclosure Height (in/mm)	Enclosure depth (in / mm)
1 5 1	70 A	2	CSLC2L70TR <sup>2</sup>	1/0	Installed	5.00 / 127	10.31 / 262	4.06 / 103
11311		12	CSLC12L125PTR	2/0	Installed	14.25 / 362	20.00 / 508	4.50 / 114
11311	125A	20	CSLC20L125PTR	2/0	Installed	14.25 / 362	26.50 / 673	4.50 / 114
		24	CSLC24L125PTR	2/0	Installed	14.25 / 362	26.50 / 673	4.50 / 114
Ding. Al		20	CSLC20L225PTR	300 kcmil	Installed	14.25 / 362	30.50 / 775	4.50 / 114
A STATE OF THE PARTY OF THE PAR	225 A	32	CSLC32L225PTR	300 kcmil	Installed	14.25 / 362	35.50 / 902	4.50 / 114
		40	CSLC40L225PTR	300 kcmil	Installed	14.25 / 362	39.50 / 1003	4.50 / 114

 ${\tt NOTE:}\ The\ appropriate\ wire\ size\ must\ be\ chosen\ according\ to\ the\ current\ rating\ of\ the\ main\ or\ feeding\ breaker.$ 



<sup>&</sup>lt;sup>1</sup> R = Type 3R surface mount

<sup>&</sup>lt;sup>2</sup> Nominal current cannot exceed panel rating

### Main circuit breaker type 3R outdoor loadcentres

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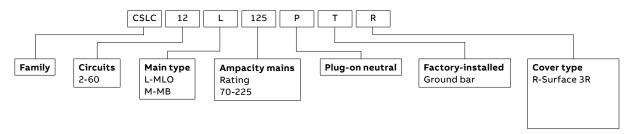
#### Features:

- · Service entrance rated
- · Factory installed ground bar
- · Keyhole mounting slots
- · Diamond knockout design
- Backed out anchored terminal screws on ground and neutral bars
- · Cover hanging tabs
- · Galvanized enclosure, painted cover
- · Main circuit breaker (factory installed)
- CSA certified

#### Main circuit breaker (factory installed) type 3R enclosure (outdoor) - 22 kAIC SCCR; 120/240 Vac - 103W - CSA certified

	Mains rating	Max. nbr of circuits	Complete loadcentre (Enclosure, interior and cover) <sup>1</sup> part number	Max. permissible main incoming wire size (Cu or AI)	Equipment ground bar kit (included)	Enclosure Width (in / mm)	Enclosure Height (in/mm)	Enclosure depth (in / mm)
HSH	150 A	32	CSLC32M150PTR	300 kcmil	Installed	14.25 / 362	35.50 / 902	4.50 / 114
the Lill		20	CSLC20M200PTR	300 kcmil	Installed	14.25 / 362	30.50 / 775	4.50 / 114
-initian	200 A	32	CSLC32M200PTR	300 kcmil	Installed	14.25 / 362	35.50 / 902	4.50 / 114
5 12 SEC.		40	CSLC40M200PTR	300 kcmil	Installed	14.25 / 362	39.50 / 1003	4.50 / 114

NOTE: The appropriate wire size must be chosen according to the current rating of the main or feeding breaker.



<sup>&</sup>lt;sup>1</sup> R = Type 3R surface mount

### Miniature circuit breakers devices

SENTRICITY™ Miniature Circuit Breakers use state-of-the-art energy-limiting technology to interrupt short circuits faster and safer. Energy-limiting technology interrupts the shorted circuit up to three times faster than conventional zero crossing circuit-breaker technology for more safety in your installation. The let-through energy is limited to less than 30% of other circuit breakers reducing the likelihood of collateral damage. Due to the fact that the breaker trips up to three times faster, the branch MCB trips before the main breaker. This selectivity will disconnect only the affected branch circuit not the entire installation.

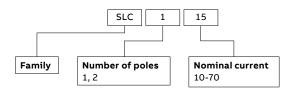
#### Features:

- Energy-limiting technology
- · Trip to mid-handle position
- Visual trip indicator window for easy tripped-state indication
- IP20 finger-safe terminal
- Fail-safe terminal
- Slot/Robertson combination terminal screws
- · Backed out captive terminal screws
- Durable laser printing for easy product identification
- · One lock out/tag out device
- 1 inch format
- UL and CSA listed

#### Miniature circuit breaker - 10 kAIC SCCR

	No. of pole	Voltage rating	Device Width (in / mm)	Amp. rating	Part number
				10 A	SLC110 <sup>2,3</sup>
40				15 A	SLC115 1, 2, 3
100				20 A	SLC120 1,2,3
All				25 A	SLC125 <sup>2,3</sup>
差。 夏 。				30 A	SLC130 <sup>2,3</sup>
	1P	120 Vac	0.98 / 25.0	35 A	SLC135 <sup>2</sup>
				40 A	SLC140 <sup>2</sup>
				45 A	SLC145 <sup>2</sup>
				50 A	SLC150 <sup>2</sup>
				60 A	SLC160 <sup>2</sup>
				70 A	SLC170 <sup>2</sup>
				10 A	SLC210 <sup>2</sup>
Alexan .				15 A	SLC215 <sup>2</sup>
168				20 A	SLC220 <sup>2</sup>
1 5				25 A	SLC225 <sup>2</sup>
E 1 1	2P			30 A	SLC230 <sup>2</sup>
The state of	Common	120 / 240 Vac	1.97 / 50.0	35 A	SLC235 <sup>2</sup>
	Trip			40 A	SLC240 <sup>2</sup>
				45 A	SLC245 <sup>2</sup>
				50 A	SLC250 <sup>2</sup>
				60 A	SLC260 <sup>2</sup>
				70 A	SLC270 <sup>2</sup>

<sup>&</sup>lt;sup>1</sup> UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.



<sup>&</sup>lt;sup>2</sup> UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.

<sup>1</sup> Rated for up to two #10 CU wires.

### Arc fault and ground fault devices (AFCI / GFCI)

SENTRICITY™ AFCI breakers will detect series and parallel arcs as well as overvoltage conditions. The GFCI breakers detect ground fault currents. These AFCI and GFCI breakers utilize the same energy-limiting technology as the MCB´s. Plug-on neutral is standard for all AFCI and GFCI breakers which reduces the number of connections by up to 33%

because there is no pigtail connection to be made to the neutral bar. The neutral connection is made by simply plugging the device on to the neutral bar.

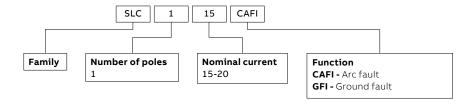
#### Features:

- · Energy-limiting technology
- Trip to mid-handle position
- LED functioning indication
- · IP20 finger-safe terminal
- · Fail-safe terminal
- LED indicator for troubleshooting three trip types (AFCI)
  - · Series arc
  - · Parallel arc
  - Overvoltage
- · Fail-safe terminal
- · Slot/Robertson combination terminal screws
- · Backed out captive terminal screws
- · One lock out/tag out device
- · Self-test feature
- Plug-on neutral standard
- Durable laser printing for easy product identification
- UL and CSA listed

#### Arc fault and ground fault circuit breaker - 10 kAIC SCCR

Device	Voltage rating	Device Width (in / mm)	Amp. rating	Part number
	120 Vac	0.98 / 25.0	15 A	SLC115CAFI 1,2,3
AFCI	120 Vac		20 A	SLC120CAFI <sup>1,2,3</sup>
	120 Va a		15 A	SLC115GFI <sup>1,2,3</sup>
GFCI	120 Vac	0.98 / 25.0	20 A	SLC120GFI <sup>1,2,3</sup>

 $<sup>^{1}</sup>$  UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.



<sup>&</sup>lt;sup>2</sup> UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.

<sup>1</sup> Rated for up to two #10 CU wires.

## Surge protective devices (SPD)

SENTRICITY™ SPDs also feature the plug-on neutral connection as standard on the CSLCPOSURGE, which eliminates the pigtail connection on the neutral bar and allows a faster installation.

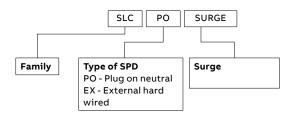
#### Features:

- Plug-on neutral standard (CSLCPOSURGE)
- Thermally protected metal oxide varistor technology
- Up to 80 kA total surge current rating (CSLCEXSURGE)
- · LED functioning indication
- Excellent protection ratings (VPR) values of 500 V L-N and 900 V L-L
- · UL and cULus listed

#### Surge protective devices

Device	Voltage rating	Installation	Surge rating / phase	Part number
SPD		Plug-on neutral 1ph/3W 2 spaces	50 kA	SLCPOSURGE
340	120 / 240 Vac	External hard wired 1ph/3W +G 2 spaces <sup>1</sup>	80 kA	SLCEXSURGE

<sup>&</sup>lt;sup>1</sup> To be wired with a 2p circuit breaker.



### Accessories

	Description	Conduit size (in)	Part number
		1	MH10X
C AND		1 1/4	MH12X
	Bolt-on hubs for Type 3R enclosures	1 1/2	MH15
- 3/		2	MH20
		2 1/2	MH25

### **Ground bar**

	Description	Nbr of circuits	Part number
AND	Ground bar kit	12 ccts	SLC12GBK

### **Neutral lug**

Description	Amp. rating	Part number
Neutral lug kit	125 A	SLC125NLK
neutrariug kit	200 A	SLC200NLK

### Back fed kit

Description	Nbr of circuits	Part number
Dools ford was in water in in a laise	6 ccts	SLC6BFMRK
Back fed main retaining kit	8 ccts +	SLC8BFMRK

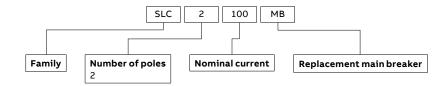
### Extra parts

Description	Part number
Door filler plate	SLCFP
Breaker handle padlock attachment	SA1

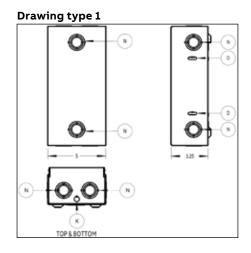
# Main breaker replacement kits

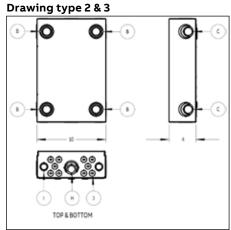
#### Main breaker replacement kits

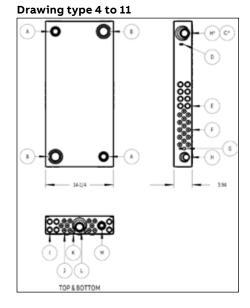
N	lo. of pole	Voltage rating	Amp. rating	Part number
			100 A	SLC2100MB
2P 120 / 240 Va		125 A	SLC2125MB	
	P	120 / 240 Vac	150 A	SLC2150MB
		200 A	SLC2200MB	
			225 A	SLC2225MB



# Dimensions and knock-outs Type 1 enclosures







### **Drawing types**

CSLC2L70TS	Drawing types	
CSLC2L70TS 1  CSLC6L100PTS 2  CSLC6L125PTS 3  CSLC8L125PTC 4  CSLC12L125PTC  CSLC3M100PTC 5  CSLC20M100PTC 6  CSLC20M100PTC 6  CSLC20M100PTC 7  CSLC24M125PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24M100PTC 7  CSLC32M100PTC 7  CSLC32M100PTC 7  CSLC32M100PTC 7  CSLC32M100PTC 7  CSLC32M100PTC 7  CSLC32M100PTC 7  CSLC32M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	Ecnlosure part number	_
CSLC6L100PTS 2 CSLC6L125PTS 3 CSLC8L125PTC 4 CSLC12L125PTC CSLC8M100PTC 5 CSLC12M100PTC CSLC20M100PTC 6 CSLC20M100PTC CSLC20M100PTC CSLC20M100PTC CSLC24L125PTC CSLC24L125PTC CSLC24L125PTC CSLC24L125PTC CSLC24M100PTC CSLC32M100PTC CSLC32M100PTC CSLC32M100PTC CSLC32M100PTC CSLC32M125PTC CSLC32L125PTC CSLC32L125PTC CSLC32L125PTC CSLC32L125PTC CSLC32M150PTC CSLC32M150PTC CSLC32M200PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC32M25PTC CSLC40M25PTC CSLC40M250PTC CSLC40M200PTC CSLC40M200PTC CSLC60M200PTC CSLC60M200PTC CSLC60M200PTC CSLC60M200PTC CSLC60M200PTC		type
CSLC6L125PTS 3  CSLC8L125PTC 4  CSLC12L125PTC  CSLC12M100PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC16M125PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24M100PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC32M25PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC2L70TS	1
CSLC8L125PTC  CSLC12L125PTC  CSLC8M100PTC  CSLC12M100PTC  CSLC20L125PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC24L125PTC  CSLC16M125PTC  CSLC16L200PTC  CSLC24L125PTC  CSLC24M100PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC6L100PTS	2
CSLC12L125PTC  CSLC8M100PTC  CSLC12M100PTC  CSLC20L125PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24L125PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC6L125PTS	3
CSLC8M100PTC  CSLC12M100PTC  CSLC20L125PTC  CSLC20M100PTC  CSLC26M125PTC  CSLC24L125PTC  CSLC32L125PTC  CSLC32L225PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC	CSLC8L125PTC	4
CSLC12M100PTC  CSLC20L125PTC  CSLC20M100PTC  CSLC26M100PTC  CSLC16M125PTC  CSLC24L125PTC  CSLC26L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC32M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L25PTC  CSLC32L25PTC  CSLC32L25PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M250PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC12L125PTC	
CSLC20L125PTC  CSLC20M100PTC  CSLC20M100PTC  CSLC16M125PTC  CSLC24L125PTC  CSLC26L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC20M200PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC8M100PTC	5
CSLC20M100PTC  CSLC16M125PTC  CSLC24L125PTC  CSLC26L225PTC  CSLC24M100PTC  CSLC24M100PTC  CSLC24M125PTC  CSLC24M125PTC  CSLC24M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M150PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC32M25PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC	CSLC12M100PTC	
CSLC16M125PTC  CSLC24L125PTC  CSLC26L200PTC  CSLC20L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC20M200PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC32M25PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC40L225PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC20L125PTC	
CSLC24L125PTC  CSLC16L200PTC  CSLC20L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC20M200PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC	CSLC20M100PTC	6
CSLC16L200PTC  CSLC20L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC20M200PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC32M25PTC  CSLC32M25PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC	CSLC16M125PTC	
CSLC20L225PTC  CSLC24M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC20M200PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  CSLC60M200PTC  10	CSLC24L125PTC	
CSLC24M100PTC  CSLC32M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC16L200PTC	
CSLC32M100PTC  CSLC32M100PTC  CSLC24M125PTC  CSLC32L125PTC  CSLC32L125PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC20L225PTC	
CSLC24M125PTC CSLC20M200PTC CSLC32L125PTC CSLC32L225PTC CSLC32M125PTC CSLC32M150PTC CSLC32M200PTC CSLC40L225PTC CSLC40M200PTC CSLC40M200PTC CSLC40M200PTC CSLC40M200PTC CSLC60M200PTC CSLC60M200PTC	CSLC24M100PTC	7
CSLC20M200PTC  CSLC32L125PTC  CSLC32L225PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC32M100PTC	
CSLC32L125PTC  CSLC32L225PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M150PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC24M125PTC	
CSLC32L225PTC  CSLC32M125PTC  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M150PTC  CSLC40M200PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC20M200PTC	
CSLC32M125PTC 8  CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M150PTC 9  CSLC40M200PTC  CSLC60M200PTC 10	CSLC32L125PTC	
CSLC32M150PTC  CSLC32M200PTC  CSLC40L225PTC  CSLC40M150PTC  CSLC40M200PTC  CSLC60M200PTC  10	CSLC32L225PTC	
CSLC32M200PTC  CSLC40L225PTC  CSLC40M150PTC 9  CSLC40M200PTC  CSLC60M200PTC 10	CSLC32M125PTC	8
CSLC40L225PTC  CSLC40M150PTC 9  CSLC40M200PTC  CSLC60M200PTC 10	CSLC32M150PTC	
CSLC40M150PTC 9 CSLC40M200PTC CSLC60M200PTC 10	CSLC32M200PTC	
CSLC40M200PTC CSLC60M200PTC 10	CSLC40L225PTC	
CSLC60M200PTC 10	CSLC40M150PTC	9
	CSLC40M200PTC	
CSLC44M225PTC 11	CSLC60M200PTC	10
	CSLC44M225PTC	11

Type E and F knock-outs

Number of knock-outs E type	Number of knock-outs F type
	15
2	9
4	9
4	15
4	15
6	18
9	27
6	21
	knock-outs E type  - 2 4 4 4 6

#### Knock-out trade diameter

Knock- out type	Diameter (in)
A	Concentric: 3/4, 1, 1 1/4, 1 1/2
В	Concentric: 3/4, 1, 1 1/4, 1 1/2
C 1	Tangential: 3/4, 1, 1 1/4, 1 1/2
D	Mounting slot
E	Concentric: 1/2, 3/4
F	Concentric (diamond): 1/2
G	Keyhole mounting slot
H¹	Tangential: 3/4, 1, 1 1/4, 1 1/2
I	Concentric: 1/2, 3/4
J	Concentric (diamond): 1/2
K	0.450
L	Tangential: 1, 1 1/4, 1 1/2, 2, 2 1/2
M	Concentric: 1/2, 3/4, 1, 1 1/4
N	Concentric: 1/2, 3/4, 1

<sup>&</sup>lt;sup>1</sup> "C" type knock-outs used on drawing type 4, 5 and 6.
"H" type knock-outs used on drawing type 7 to 11

Dimensions and knock-outs Type 3R enclosures

Notes			

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