



SURFACE MOUNT (125A MAXIMUM) COMBINATION SERVICE ENTRANCE DEVICE

Lightweight design is ideal for residential applications that require less than 24 branch circuits

The SQUARE D® Surface Mount CSED provides up to 125A metered service and a main circuit breaker or main lugs panel. The lightweight design makes it an ideal choice for smaller surface mount residential applications. These devices will accept up to a 125A maximum branch circuit breaker to accommodate larger residential loads or sub-feed requirements.

SQUARE D CSED products meet more applications and local code requirements than any other brand.

Selection Data

CATALOG NO.	DESCRIPTION
RC8L125S	Main lugs, four 2-pole spaces, 125A service
RC1624M100S	Main breaker, 16 full branch spaces/up to 24 circuits using tandems, 100A service
RC1624M125S	Main breaker, 16 full branch spaces/up to 24 circuits using tandems, 125A service
SC8L125S	Main lugs, four 2-pole spaces, 125A service
SC1624M100S	Main breaker, 16 full branch spaces/up to 24 circuits using tandems, 100A service
SC1624M125S	Main breaker, 16 full branch spaces/up to 24 circuits using tandems, 125A service

Key Features and Benefits:

- Accommodates larger residential loads with up to 125 ampere maximum branch breaker provisions
- Accepts overhead or underground service feeds for maximum flexibility in meeting changing application requirements
- More wire bend space allows for easy line side wiring
- A 2.5" A-hub provision above the right-side wire gutter provides easy exit for load center wires.
- Factory installed blade guides on line and load meter jaws ensure proper alignment of meter blades with meter jaws to prevent meter socket damage
- 4.5" deep enclosures are lightweight and allow easy access to load center interior
- Accepts the plug-on HOMELINE® SURGEBREAKER™ Secondary Surge Arrester for secondary surge protection of wiring and appliances.



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Meter Mains (Main Lugs):

Meter Cover	Amp Rating	Service	SCCR	Cat. No.	SERVICE DISCONNECTS			Hub Type*	Line Side Phase & Neutral Lugs & Service Ground (AWG)	Branch Neutral & Equipment Ground Lugs (AWG)	Wght. (lbs.)	Pallet Qty.
					2-pole Ckts max.	Type	Max. Amp					
Ring	125	OH/UG	10K	SC8L125S	4	HOM	125 [†]	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu	31	24
Ringless	125	OH/UG	10K	RC8L125S	4	HOM	125 [†]	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu	31	24

* Order Separately. † 125A breaker can be installed in top position. All other positions limited to 100A.

All-In-Ones (HOMELINE® Main Breaker):

Meter Cover	Amp Rating	Service	SCCR	Cat. No.	Spaces	Max. No. of Single Pole Ckts. (HOM)	Max. No. of Tandem Brkrs. (HOMT)	Max. Amp Branch Brkr.	Hub Type*	Line Side Phase & Neutral Lugs & Service Ground (AWG)	Branch Neutral & Equipment Ground Lugs (AWG)
Ring	100	OH/UG	10K	SC1624M100S	16	24	8	100	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu
Ring	125	OH/UG	10K	SC1624M125S	16	24	8	125 [†]	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu
Ringless	100	OH/UG	10K	RC1624M100S•	16	24	8	100	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu
Ringless	125	OH/UG	10K	RC1624M125S•	16	24	8	125 [†]	A	#6-2/0 Al/Cu	#12-1/0 Al/Cu

NOTE: all HOMELINE AIO devices above weigh 32lbs. and ship in pallet quantities of 24.

* Order Separately. † 125A breaker can be installed in top position. All other positions limited to 100A. • Available as "order only."

Enclosure Dimensions:

CATALOG NUMBER	UPC CODE	HEIGHT	WIDTH	DEPTH
RC8L125S	7 85901 30883 6	25.12"	14.77"	4.8"
RC1624M100S	7 85901 30884 3	25.12"	14.77"	4.8"
RC1624M125S	7 85901 30885 0	25.12"	14.77"	4.8"
SC8L125S	7 85901 30880 5	25.12"	14.77"	4.8"
SC1624M100S	7 85901 30881 2	25.12"	14.77"	4.8"
SC1624M125S	7 85901 30882 9	25.12"	14.77"	4.8"

Cross Reference Table

OLD STYLE CAT. NO.	NEW STYLE CAT. NO.
RC8L125C	RC8L125S
NEW	RC1624M100S
NEW	RC1624M125S
SC8L125C	SC8L125S
SC1624M100C	SC1624M100S
SC1624M125C	SC1624M125S

