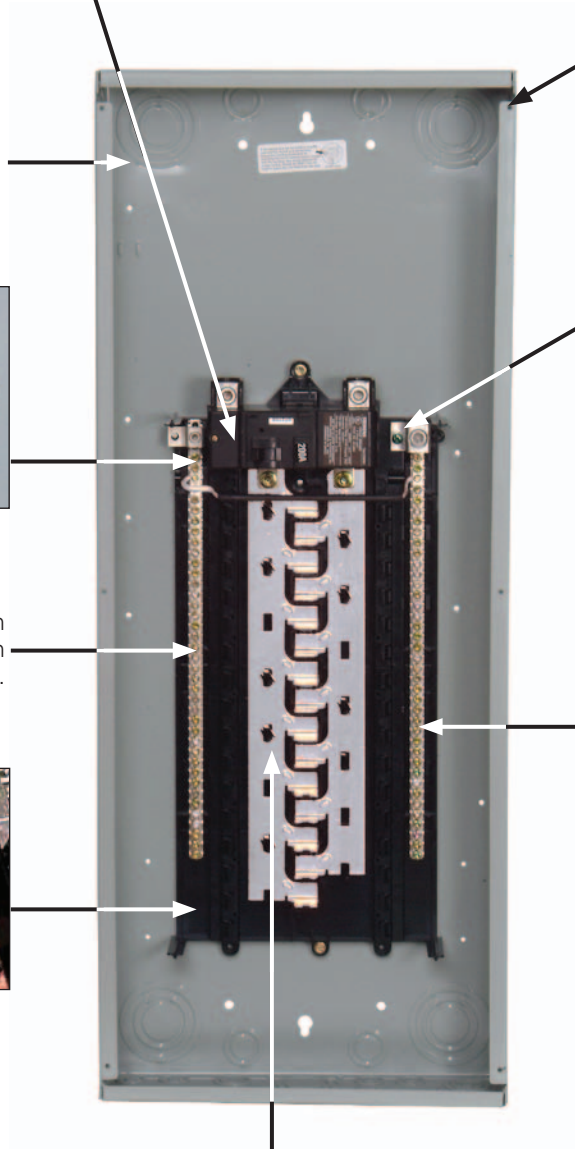


ES Series Load Centers

Features

LOAD CENTERS & CIRCUIT BREAKERS



Invertible for bottom feed application.®

Ground bar field installed (select skus with "G" suffix will have ground bar factory installed).

Combination head screw on the neutrals, ground, trim, upper pan, and bond screw provide installation flexibility.



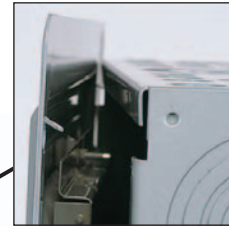
Single side inboard neutral on 24 circuits and below; dual on 30 circuits and above.

A rigid, sturdy base pan provides the ruggedness required for the most harsh applications.

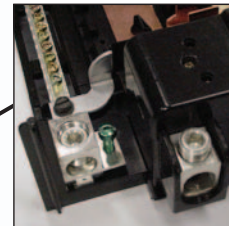


Aluminum bus.

The outdoor enclosure has a slide hinge door for the easiest installation and can be removed by backing out only one screw.

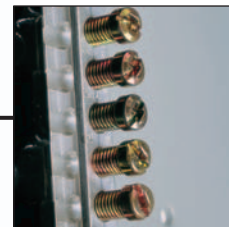


Mounting tabs on the trim hold it in place on the load center, freeing up both hands to drive the trim screws.



The pre-positioned bond screw eliminates bond strap/screw assemblies, and reduces the risk of

losing components in the field.



The patented INSTA-WIRE™ neutral/ground system allows for faster installation because

screws are backed out, ready for wire insertion. The visible neutral and grounds system aids in the insertion of conductors.

ES Series Load Centers ship in single piece carton.



® Applies only to NEMA 1 ES and PL Load Centers

ES Series Load Centers

Product Offering

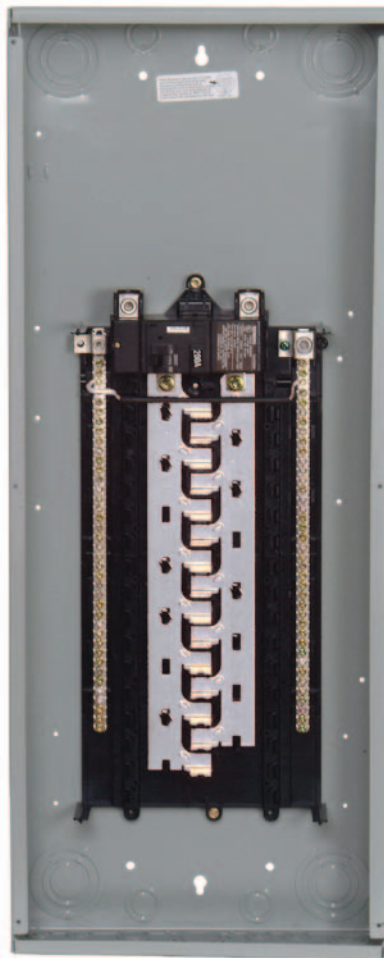
The ES Series Load Center product line provides a wide array of variation to meet any application need.

The following offering is available in the ES Series product line:

- 12-70 Circuits/Spaces
- Indoor and Outdoor enclosures
- 100 to 225 Amp
- Main Lug and Main Breakers
- Value packs – a mix of branch breakers provided with the load center.



ES Series
1-phase Main Lug
125A, 12-24 circuits



ES Series
1-phase Main Breaker
125- 225A, 30-70 circuits



ES Series
3-phase Main Breaker

ES Series 1-Phase Main Lug & Main Breaker Load Centers

1-phase, 3-wire SN, 120/240 Volts AC

LOAD CENTERS & CIRCUIT BREAKERS

Main Breaker^①

12-70 Circuits / 100-225 Amperes

Aluminum Bus

60/75°C Rated 22,000A IR^②

Amp Rating	No. of Spaces	Indoor Enclosure - NEMA Type 1					Outdoor Enclosure - NEMA Type 3R		
		No. of Circuits	ES Catalog Number	No. of Circuits	ES with WireGuide Interior Catalog Number ^⑤	NEMA 1 - Enclosure Height (inches) ^③	No. of Circuits	Catalog Number	NEMA 3R - Enclosure Height (inches) ^④
100	10	20	S1020B1100	—	—	18	—	—	—
	12	24	S1224B1100	—	—	18	24	SW1224B1100	21
	16	24	S1624B1100 ^⑥	—	—	21	24	SW1624B1100	23
	20	20	S2020B1100	40	S2040B1100A	24	20	SW2020B1100	27
	24	24	S2024B1100				—	—	—
30	30	S3030B1100 ^⑥	60	S3060B1100A	30	—	—	—	
125	12	24	—	—	—	—	24	SW1224B1125	21
	16	24	S1624B1125	—	—	21	—	—	—
	32	—	—	—	—	—	24	SW2024B1125	27
	24	24	S2424B1125 ^⑥	48	S2448B1125A	24	24	SW2424B1125	27
	30	30	S3030B1125 ^⑥	60	S3060B1125A	30	—	—	—
40	40	S3040B1125	40				SW3040B1125	35	
150	16	30	S1630B1150	—	—	24	—	—	—
	20	30	S2030B1150	40	S2040B1200A	24	—	—	—
	24	30	S2430B1150	48	S2448B1200A	30	—	—	—
	30	30	S3030B1150 ^⑥	60	S3060B1150A	30	—	—	—
	40	40	S3040B1150				40	SW3040B1150	35
	40	40	—	—	—	—	40	SW4040B1150	38
200	16	32	S1632B1200	—	—	24	—	—	—
	20	40	S2040B1200	40	S2040B1200A	30	40	SW2040B1200	27
	24	40	S2440B1200	48	S2448B1200A	30	—	—	—
	30	40	S3040B1200 ^⑥	60	S3060B1200A	36	40	SW3040B1200	35
	40	40	S4040B1200 ^⑥	80	S4080B1200A	36	40	SW4040B1200	38
	42	60	S4260B1200	80	S4280B1200A	39	—	—	—
	54	70	S5470B1200	80	S5480B1200A	44	—	—	—
225	42	60	S4260B1225	80	S4280B1225A	39	60	SW4260B1225	42
	54	70	S5470B1225	80	S5480B1225A	44	—	—	—

Main Lug

12-70 Circuits / 125-225 Amperes

Aluminum Bus

60/75°C Rated 100,000A IR

Amp Rating	No. of Spaces	Indoor Enclosure - NEMA Type 1					Outdoor Enclosure - NEMA Type 3R			
		No. of Circuits	ES Catalog Number ⁽⁶⁾	No. of Circuits	ES with WireGuide Interior Catalog Number ^{⑤⑥}	NEMA 1 - Enclosure Height (inches) ^③	No. of Circuits	Catalog Number	NEMA 3R - Enclosure Height (inches) ^④	
125	12	12	S1212L1125 ^⑤	—	—	18	12	SW1212L1125 ^⑤	21	
		24	S1224L1125 ^⑤	—	—	18	24	SW1224L1125 ^⑤	21	
	16	24	S1624L1125	—	—	21	24	SW1624L1125	21	
		20	20	S2020L1125 ^⑥	40	S2040L1125AG	21	—	—	—
			20	S2020L1125G ^⑥				—	—	—
			24	S2024L1125				—	—	—
	24	24	S2024L1125G	—	—	—	—	—	—	
	24	24	S2424L1125 ^⑥	48	S2448L1125AG	24	24	SW2424L1125	27	
		24	S2424L1125G ^⑥				—	—	—	
		40	S2440L1125 ^⑥				—	—	—	
30	40	S3040L1125 ^⑥	—	S3060L1125AG	30	40	SW3040L1125	29		
	40	S3040L1125G ^⑥	—	—	—	—	—	—		
40	40	S4040L1125	80	S4080L1125AG	36	—	—	—		
150	20	30	S2030L1150 ^⑥	40	S2040L1150AG	24	30	SW2030L1150	27	
	24	40	S2440L1200 ^⑥	48	S2448L1200AG	30	40	SW2040L1200	27	
200	12	24	S1224L1200 ^⑤	—	—	21	24	SW1224L1200 ^⑤	21	
		40	S2040L1200	40	S2040L1200AG	24	40	SW2040L1200	27	
	24	40	S2440L1200 ^⑥	48	S2448L1200AG	30	—	—	—	
		30	S3030L1200 ^⑥				60	S3060L1200AG	30	—
		40	S3040L1200 ^⑥	40	SW3040L1200	35				
		54	S3054L1200	54	SW3054L1200	35				
40	40	S3040L1200L50 ^⑦	—	—	36	—	—	—		
40	40	S4040L1200 ^⑥	80	S4080L1200AG	36	40	SW4040L1200	35		
225	12	24	—	—	—	24	SW1224L1225	23		
	42	60	S4260L1225	80	S4280L1225AG	36	60	SW4260L1225	38	
	54	70	S5470L1225	80	S5480L1225AG	42	—	—	—	

① Suitable for use as service equipment.

② May be installed on higher rated systems when protected by a circuit breaker with a higher AIR rating.

③ Indoor enclosures are 14 1/4" wide by 3 7/8" deep.

④ Outdoor enclosures are 14 1/2" wide by 4 1/4" deep.

⑤ Suitable for use as service entrance equipment when not more than six main disconnecting means are provided. See article 230.71 of the NEC®.

⑥ ES Series single phase skus with a "G" suffix have ground bar included (factory installed).

⑦ Line and Neutral Lug Wire Range: 500 kcmil - #2 AL/CU

⑧ Available (made to order) in white by adding "W" to the end of the part number.