

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 ^③	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 ^⑤	—	—	21	24	SW1624B1100	23
	20	20	S2020B1100	40	S2040B1100A	24	20	SW2020B1100	27
	24	24	S2024B1100				—	—	—
30	30	S3030B1100 ^⑤	60	S3060B1100A	30	—	—	—	
125	12	24	—	—	—	—	24	SW1224B1125	21
	16	24	S1624B1125	—	—	21	—	—	—
	32	—	—	—	—	—	24	SW2024B1125	27
	24	24	S2424B1125 ^⑤	48	S2448B1125A	24	24	SW2424B1125	27
	30	30	S3030B1125 ^⑤	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 ^⑤	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 ^⑤	60	S3060B1200A	36	40	SW3040B1200	35
	40	40	S4040B1200 ^⑤	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 ^{③⑤}	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 ^⑤	40	S2040L1125AG	21	—	—
			20	S2020L1125G ^⑤				—	—
			24	S2024L1125				—	—
	24	S2024L1125G	—	—					
	24	24	S2424L1125 ^⑤	48	S2448L1125AG	24	24	SW2424L1125	27
		24	S2424L1125G ^⑤				—	—	
		40	S2440L1125 ^⑤				—	—	
30	40	S3040L1125 ^⑤	—	S3060L1125AG	30	40	SW3040L1125	29	
	40	S3040L1125G ^⑤	—	—	—	—	—		
40	40	S4040L1125	80	S4080L1125AG	36	—	—	—	
150	20	30	S2030L1150 ^⑤	40	S2040L1150AG	24	30	SW2030L1150	27
200	12	24	S1224L1200 ^⑤	—	—	21	24	SW1224L1200 ^⑤	21
		20	S2040L1200	40	S2040L1200AG	24	40	SW2040L1200	27
		24	S2440L1200 ^⑤	48	S2448L1200AG	30	—	—	—
	30	30	S3030L1200 ^⑤	60	S3060L1200AG	30	—	—	—
		40	S3040L1200 ^⑤				40	SW3040L1200	35
		54	S3054L1200				54	SW3054L1200	35
		40	S3040L1200L50 ^⑦				—	—	36
40	40	S4040L1200 ^⑤	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.