

Molded Case Circuit Breakers

ED 125A Frame Sentron Series

Selection

Ordering Instructions

- All ED Frame Sentron circuit breakers are supplied with load side lugs. If line side lugs are required, add "L" suffix to catalog number. Consult Siemens sales office for any additional charge
- 50°C Calibration, 400HZ - see page 7-90. All ED frame circuit breakers may be reverse connected

Type ED2^⑤

Blue Label

Continuous Current Rating @ 40°C	1-Pole		2-Pole		3-Pole
	120V AC	125V DC	240V AC	125V DC 250V DC	240V AC
	Catalog Number		Catalog Number		Catalog Number
15	ED21B015 ^④ ■	—	ED22B015	—	ED23B015
20	ED21B020 ^④ ■	—	ED22B020	—	ED23B020
25	ED21B025■	—	ED22B025■	—	ED23B025■
30	ED21B030■	—	ED22B030	—	ED23B030
35	ED21B035■	—	ED22B035■	—	ED23B035■
40	ED21B040■	—	ED22B040	—	ED23B040
45	ED21B045■	—	ED22B045■	—	ED23B045■
50	ED21B050■	—	ED22B050	—	ED23B050
60	ED21B060■	—	ED22B060	—	ED23B060
70	ED21B070■	—	ED22B070	—	ED23B070
80	ED21B080■	—	ED22B080■	—	ED23B080
90	ED21B090■	—	ED22B090■	—	ED23B090■
100	ED21B100■	—	ED22B100	—	ED23B100

Shipping Weights

Number of Poles	Number per Carton	Shipping Weight (lbs.)
ED2, ED4, ED6, HED4, HHED6		
1	30	38
2	10	25
3	10	38
CED6		
2	5	20
3	5	30

Lugs

Ampere Rating	No. of Poles	Catalog Number	Wire Range
Aluminum Body Lugs			
All 15–25A	1, 2, 3	Line/Load SA1E025	#14–#10 Cu #12–#10 Al
All 30–100A	1, 2, 3	Line Side LN1E100	#10–1/0 Cu/Al
ED2, 4, CED6 30–60A	1	Load Side LD1E060	#10–#4 Cu/Al
ED2, 4, CED6 70–100A	1	Load Side LD1E100	#6–#1/0 Cu/Al
ED2, 4, HED4, HHED6 30–100A	2, 3	Load Side LN1E100	#10–1/0 Cu/Al
ED6 20–50A	2, 3	Line Side LN1E100	#10–1/0 Cu/Al
All 110, 125A	2, 3	Line/Load TA1E6125	#3–3/0 Cu #1–2/0 Al
Copper Body Lugs			
All 30–125A	1, 2, 3	Line/Load TC1ED6150 ^③	#10–1/0 Cu only
Compression Lugs			
All ED, HHED, CED		CCE125	2/0

Enclosures (Neutral Included)^⑥

Type	Catalog Number
1 (Surface)	E2N1S (15–100A)
1 (Flush)	E2N1F (15–100A)
3R	E2N3R (15–100A)
4–4X	ED6SS4 (15–125A)
4–4X	ED6S4 (15–100A)
4–4X (316SS)	ED6S4316 (15–100A)
7–9	EA (15–60A)
7–9	EB (70–100A)
12	E2N12 (15–100A)
1 (Surface)	CED6N1S ^②
1 (Flush)	CED6N1F ^②
3R	CED6N3R ^②
12	CED6N12 ^②

Type ED4^⑤

Blue Label

Continuous Current Rating @ 40°C	1-Pole		2-Pole		3-Pole
	120V AC	125V DC	480V AC	250V DC	480V AC
	Catalog Number		Catalog Number		Catalog Number
15	ED41B015 ^④	—	—	—	ED43B015
20	ED41B020 ^④	—	ED42B020	—	ED43B020
25	ED41B025	—	ED42B025	—	ED43B025
30	ED41B030	—	ED42B030	—	ED43B030
35	ED41B035■	—	ED42B035■	—	ED43B035
40	ED41B040	—	ED42B040	—	ED43B040
45	ED41B045■	—	ED42B045■	—	ED43B045
50	ED41B050	—	ED42B050	—	ED43B050
60	ED41B060	—	ED42B060	—	ED43B060
70	ED41B070	—	ED42B070	—	ED43B070
80	ED41B080■	—	ED42B080■	—	ED43B080
90	ED41B090■	—	ED42B090■	—	ED43B090
100	ED41B100	—	ED42B100	—	ED43B100
110	ED41B110	—	ED42B110■	—	ED43B110
125	—	—	ED42B125	—	ED43B125

Type ED6^⑤

Blue Label

Continuous Current Rating @ 40°C	1-Pole ^①		2-Pole		3-Pole		3-Pole
	347V AC		600V AC	250V DC	600V AC	500V DC	600V DC
	Catalog Number		Catalog Number		Catalog Number		Catalog Number
15	ED61B015	—	—	—	—	—	ED63D015L
20	ED61B020	—	ED62B020	—	—	—	ED63D020L
25	ED61B025	—	ED62B025■	—	—	—	ED63D025L
30	ED61B030	—	ED62B030	—	—	—	ED63D030L
35	ED61B035	—	—	—	—	—	ED63D035L
40	ED61B040	—	—	—	—	—	ED63D040L
45	ED61B045■	—	—	—	—	—	ED63D045L
50	ED61B050	—	—	—	—	—	ED63D050L
60	ED61B060	—	—	—	—	—	ED63D060L
70	ED61B070■	—	—	—	—	—	ED63B070
80	ED61B080	—	—	—	—	—	ED63B080
90	ED61B090	—	—	—	—	—	ED63B090
100	ED61B100■	—	—	—	—	—	ED63B100
110	—	—	—	—	—	—	ED63B110
125	—	—	—	—	—	—	ED63B125

Note: ED frame circuit breakers qualified to UL 489 Supplement SB "Naval"— See page 7-90 for additional information

- Built to order. Allow 2–3 weeks for delivery.
- ① CSA Certified only (Not UL)

② For CED types and all 110–125 ampere ED frames.

③ See Note: A, page 7-87.

④ SWD rated.

⑤ HACR rated.

⑥ Not for use with HHED6 breakers.

Modifications page 7-90

Enclosures Section 6

Accessories pages 7-47 and 7-94 to 7-99