

• Revised •
07/20/14

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 7-91. 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

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	—		ED42B110■		ED43B110
125	—		ED42B125		ED43B125

Type ED6^⑤

Blue Label

Continuous Current Rating @ 40°C	1-Pole ^①	2-Pole		3-Pole	
	347V AC	600V AC	250V DC	600V AC	500V DC
	Catalog Number	Catalog Number		Catalog Number	
15	ED61B015	—		ED63B015	
20	ED61B020	ED62B020		ED63B020	
25	ED61B025	ED62B025■		ED63B025	
30	ED61B030	ED62B030		ED63B030	
35	ED61B035	ED62B035■		ED63B035	
40	ED61B040	ED62B040■		ED63B040	
45	ED61B045■	ED62B045■		ED63B045	
50	ED61B050	ED62B050■		ED63B050	
60	ED61B060	—		ED63B060	
70	ED61B070■	—		ED63B070	
80	ED61B080	—		ED63B080	
90	ED61B090	—		ED63B090	
100	ED61B100■	—		ED63B100	
110	—	—		ED63B110	
125	—	—		ED63B125	

Enclosures (Neutral Included)^⑥

Type	Catalog Number
1 (Surface)	E2N1S (15–100A)
1 (Flush)	E2N1F (15–100A)
3R	E2N3R (15–100A)
4–4X	ED6SS4 (15–100A)
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

Note: ED frame circuit breakers qualified to UL 489 Supplement SB "Naval"—See page 7-91 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 7-88.

④ SWD rated.

⑤ HACR rated.

⑥ Not for use with HHED6 breakers.

Modifications page 7-91
Enclosures Section 6
Accessories pages 7-47 and 7-95 to 7-100