

# 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<sup>Ⓢ</sup>

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 <sup>Ⓢ</sup>		ED22B015		ED23B015
20	ED21B020 <sup>Ⓢ</sup>		ED22B020		ED23B020
25	ED21B025 <sup>Ⓢ</sup>		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		ED22B070		ED23B080
90	ED21B090		ED22B090		ED23B090
100	ED21B100		ED22B100		ED23B100

### Shipping Weights

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

### Type ED4<sup>Ⓢ</sup>

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 <sup>Ⓢ</sup>		ED42B015		ED43B015
20	ED41B020 <sup>Ⓢ</sup>		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<sup>Ⓢ</sup>

Blue Label

Continuous Current Rating @ 40°C	1-Pole <sup>Ⓢ</sup>	2-Pole		3-Pole	
	347V AC	600V AC	250V DC	600V AC	500V DC
	Catalog Number	Catalog Number		Catalog Number	
15	ED61B015	ED62B015		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	ED62B060		ED63B060	
70	ED61B070	ED62B070		ED63B070	
80	ED61B080	ED62B080		ED63B080	
90	ED61B090	ED62B090		ED63B090	
100	ED61B100	ED62B100		ED63B100	
110	—	—		ED63B110	
125	—	—		ED63B125	

### Lugs

Ampere Rating	No. of Poles	Catalog Number	Wire Range
<b>Aluminum Body Lugs</b>			
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, 6, HED4, HHED6 30-100A	2, 3	Load Side LN1E100	#10-1/0 Cu/Al
All 110, 125A	2, 3	Line/Load TA1E6125	#3-3/0 Cu #1-2/0 Al
<b>Copper Body Lugs</b>			
All 30-125A	1, 2, 3	Line/Load TC1ED6150 <sup>Ⓢ</sup>	#10-1/0 Cu only
<b>Compression Lugs</b>			
All ED, HHED, CED		CCE125	2/0

### Enclosures (Neutral Included)<sup>Ⓢ</sup>

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 <sup>Ⓢ</sup>
1 (Flush)	CED6N1F <sup>Ⓢ</sup>
3R	CED6N3R <sup>Ⓢ</sup>
12	CED6N12 <sup>Ⓢ</sup>

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.  
Ⓢ CSA Certified only (Not UL)

Ⓢ For CED types and all 110-125 ampere ED frames.  
Ⓢ See Note: A, page 7-88.  
Ⓢ SWD rated.  
Ⓢ HACR rated.  
Ⓢ Not for use with HHED6 breakers.

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