

Molded Case Circuit Breakers

SELECTION

ED 125A Frame Sentron Series

Ordering Instructions	
<ul style="list-style-type: none"> All ED Frame Sentron circuit breakers are supplied with load side lugs. If line side lugs are required, add "L" suffix to catalog number, and breaker will be supplied with line lugs installed at no charge. 50°C Calibration, 400HZ - see page 111. All ED frame circuit breakers may be reverse connected. 	

Type ED2®

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	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	ED21B015 [Ⓢ]	107.00	ED22B015	245.00	ED23B015	365.00
20	ED21B020 [Ⓢ]	107.00	ED22B020	245.00	ED23B020	365.00
25	ED21B025	107.00	ED22B025	245.00	ED23B025	365.00
30	ED21B030	107.00	ED22B030	245.00	ED23B030	365.00
35	ED21B035	107.00	ED22B035	245.00	ED23B035	365.00
40	ED21B040	107.00	ED22B040	245.00	ED23B040	365.00
45	ED21B045	107.00	ED22B045	245.00	ED23B045	365.00
50	ED21B050	107.00	ED22B050	245.00	ED23B050	365.00
60	ED21B060	107.00	ED22B060	245.00	ED23B060	365.00
70	ED21B070	196.00	ED22B070	401.00	ED23B070	522.00
80	ED21B080	196.00	ED22B080	401.00	ED23B080	522.00
90	ED21B090	196.00	ED22B090	401.00	ED23B090	522.00
100	ED21B100	196.00	ED22B100	401.00	ED23B100	522.00

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, 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
Copper Body Lugs			
All 30-125A	1, 2, 3	Line/Load TC1ED6150 [Ⓢ]	#10-1/0 Cu only
Compression Lugs			
All ED, HHED, CED		CCE125	2/0

Type ED4®

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	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	ED41B015 [Ⓢ]	131.00	ED42B015	444.00	ED43B015	582.00
20	ED41B020 [Ⓢ]	131.00	ED42B020	444.00	ED43B020	582.00
25	ED41B025	131.00	ED42B025	444.00	ED43B025	582.00
30	ED41B030	131.00	ED42B030	444.00	ED43B030	582.00
35	ED41B035	131.00	ED42B035	444.00	ED43B035	582.00
40	ED41B040	131.00	ED42B040	444.00	ED43B040	582.00
45	ED41B045	131.00	ED42B045	444.00	ED43B045	582.00
50	ED41B050	131.00	ED42B050	444.00	ED43B050	582.00
60	ED41B060	131.00	ED42B060	444.00	ED43B060	582.00
70	ED41B070	246.00	ED42B070	584.00	ED43B070	685.00
80	ED41B080	246.00	ED42B080	584.00	ED43B080	685.00
90	ED41B090	246.00	ED42B090	584.00	ED43B090	685.00
100	ED41B100	246.00	ED42B100	584.00	ED43B100	685.00
110	—	—	ED42B110	1180.00	ED43B110	1357.00
125	—	—	ED42B125	1180.00	ED43B125	1357.00

Type ED6®

Blue Label

Continuous Current Rating @ 40°C	1-Pole [Ⓢ]		2-Pole		3-Pole	
	347V AC	125V DC	600V AC	250V DC	600V AC	500V DC
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	ED61B015	297.00	ED62B015	522.00	ED63B015	663.00
20	ED61B020	297.00	ED62B020	522.00	ED63B020	663.00
25	ED61B025	297.00	ED62B025	522.00	ED63B025	663.00
30	ED61B030	297.00	ED62B030	522.00	ED63B030	663.00
35	ED61B035	297.00	ED62B035	522.00	ED63B035	663.00
40	ED61B040	297.00	ED62B040	522.00	ED63B040	663.00
45	ED61B045	297.00	ED62B045	522.00	ED63B045	663.00
50	ED61B050	297.00	ED62B050	522.00	ED63B050	663.00
60	ED61B060	297.00	ED62B060	522.00	ED63B060	663.00
70	ED61B070	409.00	ED62B070	658.00	ED63B070	829.00
80	ED61B080	409.00	ED62B080	658.00	ED63B080	829.00
90	ED61B090	409.00	ED62B090	658.00	ED63B090	829.00
100	ED61B100	409.00	ED62B100	658.00	ED63B100	829.00
110	—	—	—	—	ED63B110	1594.00
125	—	—	—	—	ED63B125	1594.00

Enclosures (Neutral Included)

Type	Catalog Number	List Price \$
1 (Surface)	E2N1S(15-100A)	127.00
1 (Flush)	E2N1F(15-100A)	127.00
3R	E2N3R(15-100A)	349.00
4-4X	ED6SS4(15-100A)	2420.00
7-9	EA(15-60A)	1490.00
7-9	EB(70-100A)	1490.00
12	E2N12(15-100A)	216.00
1 (Surface)	CED6N1S [Ⓢ]	230.00
1 (Flush)	CED6N1F [Ⓢ]	230.00
3R	CED6N3R [Ⓢ]	617.00
12	CED6N12 [Ⓢ]	383.00

Modifications page 111
Enclosures pages 34-46
Accessories pages 108-126

Note: ED frame circuit breakers qualified to UL 489 Supplement SB "Naval"— See page 111 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 108.

Ⓢ SWD rated.

Ⓢ HACR rated.

Molded Case Circuit Breakers

SELECTION / DIMENSIONS

ED 125A Frame Sentron Series

Type HED4[®]

Black Label

Continuous Current Rating @ 40° C	1-Pole		2-Pole		3-Pole	
	277V AC	125V DC	480V AC	250V DC	480V AC	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	HED41B015 ^①	338.00	HED42B015	791.00	HED43B015	971.00
20	HED41B020 ^①	338.00	HED42B020	791.00	HED43B020	971.00
25	HED41B025	338.00	HED42B025	791.00	HED43B025	971.00
30	HED41B030	338.00	HED42B030	791.00	HED43B030	971.00
35	HED41B035	338.00	HED42B035	791.00	HED43B035	971.00
40	HED41B040	338.00	HED42B040	791.00	HED43B040	971.00
45	HED41B045	338.00	HED42B045	791.00	HED43B045	971.00
50	HED41B050	338.00	HED42B050	791.00	HED43B050	971.00
60	HED41B060	338.00	HED42B060	791.00	HED43B060	971.00
70	HED41B070	383.00	HED42B070	911.00	HED43B070	1046.00
80	HED41B080	383.00	HED42B080	911.00	HED43B080	1046.00
90	HED41B090	383.00	HED42B090	911.00	HED43B090	1046.00
100	HED41B100	383.00	HED42B100	911.00	HED43B100	1046.00
110	—	—	HED42B110	1853.00	HED43B110	2137.00
125	—	—	HED42B125	1853.00	HED43B125	2137.00

FIGURE 1 - ED, HED, HHED

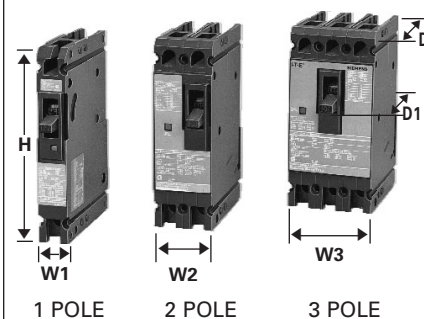
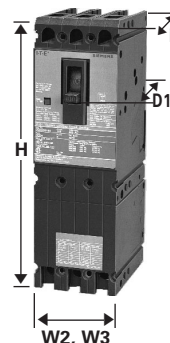


FIGURE 2 - CED (3 Pole shown)



Type HHED6[®]

Black Label

Fuseless Current Limiting

Type CED6

Red Label

Continuous Current Rating @ 40° C	2-Pole		3-Pole		2-Pole		3-Pole	
	600V AC		600V AC		600V AC, 250V DC		600V AC, 500V DC ^②	
	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$	Catalog Number	List Price \$
15	HHED62B015	860.00	HHED63B015	1000.00	CED62B015	2348.00	CED63B015	2862.00
20	HHED62B020	860.00	HHED63B020	1000.00	CED62B020	2348.00	CED63B020	2862.00
25	HHED62B025	860.00	HHED63B025	1000.00	—	—	—	—
30	HHED62B030	860.00	HHED63B030	1000.00	CED62B030	2348.00	CED63B030	2862.00
35	HHED62B035	860.00	HHED63B035	1000.00	—	—	—	—
40	HHED62B040	860.00	HHED63B040	1000.00	CED62B040	2348.00	CED63B040	2862.00
45	HHED62B045	860.00	HHED63B045	1000.00	—	—	—	—
50	HHED62B050	860.00	HHED63B050	1000.00	CED62B050	2348.00	CED63B050	2862.00
60	HHED62B060	860.00	HHED63B060	1000.00	CED62B060	2348.00	CED63B060	2862.00
70	HHED62B070	1000.00	HHED63B070	1136.00	CED62B070	2348.00	CED63B070	2862.00
80	HHED62B080	1000.00	HHED63B080	1136.00	CED62B080	2348.00	CED63B080	2862.00
90	HHED62B090	1000.00	HHED63B090	1136.00	CED62B090	2348.00	CED63B090	2862.00
100	HHED62B100	1000.00	HHED63B100	1136.00	CED62B100	2348.00	CED63B100	2862.00
110	HHED62B110	1927.00	HHED63B110	2226.00	—	—	CED63B110	4368.00
125	HHED62B125	1927.00	HHED63B125	2226.00	CED62B125	3522.00	CED63B125	4368.00

Dimensions (in inches)

Breaker Type	W1	W2	W3	H	D	D1
Figure 1 ED2, ED4, ED6, HED4, ED6 ETI	1	2	3	6.35	3.92	4.56
Figure 1 HHED6	—	2	3	6.53	3.92	4.56
Figure 2 CED6, CED6 ETI	—	2	3	9.58	3.92	4.56

Breaker Type	UL 489 AIR (File #E10848)									IEC 947-2						
	RMS Symmetrical Amperes (KA)									Volts AC (50/60Hz)						
	Volts AC									220/240			380/415		500	
	120	240	277	347	480	600	125	250	500 ^②	lcu	lcs	lcu	lcs	lcu	lcs	
ED2 (1-P)	10	—	—	—	—	—	5	—	—	—	—	—	—	—	—	
ED2 (2, 3-P)	—	10	—	—	—	—	—	5 (2-P)	—	—	—	—	—	—	—	
ED4 (1-P)	65	—	22	—	—	—	30	—	—	—	—	—	—	—	—	
ED4 (2, 3-P)	—	65	—	—	18	—	—	30 (2-P)	—	—	—	—	—	—	—	
ED6 (1P)	—	—	—	30 ^③	—	—	—	—	—	—	—	—	—	—	—	
ED6 (2, 3-P)	—	65	—	—	25	18	—	30 (2-P)	18 (3-P)	65	17	35	9	18	5	
HED4 (1-P)	100	—	65	—	—	—	30	—	—	—	—	—	—	—	—	
HED4 (1-P)	100	—	25	—	—	—	30	—	—	—	—	—	—	—	—	
HED4 (35-100A)	—	100	—	—	42	—	—	30 (2-P)	—	—	—	—	—	—	—	
HED4 (2, 3-P) ^④	—	100	—	—	65	25	—	—	—	—	—	—	—	—	—	
HHED6 (2, 3-P) ^⑤	—	100	—	—	65	25	—	—	—	—	—	—	—	—	—	
CED6 (2, 3-P)	—	200	—	—	200	100	—	30 (2-P)	50 (3-P)	—	—	—	—	—	—	

■ Built to order. Allow 2-3 weeks for delivery.

① SWD rated.

② When wired as shown on page 49, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems.

③ HED4 and HHED6 type circuit breakers meet the UL criteria for "current limiting" at 240V AC.

④ ED6-ETI, CED6-ETI, see page 106 for ordering information.

⑤ Single Pole 15-30A 30KA @ 347V 35-100A 18KA @ 347V

⑥ HACR rated.