

Molded Case Circuit Breakers

ED 125A Frame Sentron Series

Selection/Dimensions

Type HED4^④

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		Catalog Number		Catalog Number
15	HED41B015 ^①		HED42B015		HED43B015
20	HED41B020 ^①		HED42B020		HED43B020
25	HED41B025		HED42B025■		HED43B025
30	HED41B030		HED42B030		HED43B030
35	HED41B035■		HED42B035■		HED43B035
40	HED41B040		HED42B040		HED43B040
45	HED41B045■		HED42B045■		HED43B045
50	HED41B050■		HED42B050		HED43B050
60	HED41B060■		HED42B060■		HED43B060
70	HED41B070■		HED42B070■		HED43B070
80	HED41B080■		HED42B080■		HED43B080
90	HED41B090■		HED42B090■		HED43B090
100	HED41B100■		HED42B100■		HED43B100
110	—		HED42B110■		HED43B110
125	—		HED42B125■		HED43B125

FIGURE 1 - ED, HED, HHED

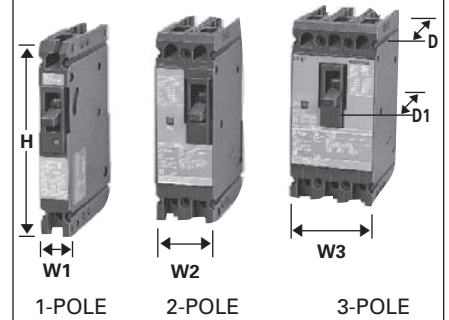
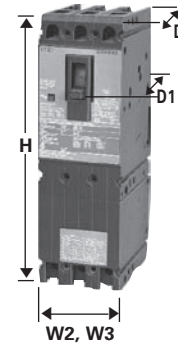


FIGURE 2 - CED (3-Pole shown)



Dimensions (in inches)

Breaker Type	W1	W2	W3	H	D	D1
Figure 1 ED2, ED4, ED6, HED4, ED6 ETI ^⑥	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 ^⑥	—	2	3	9.58	3.92	4.56

Fuseless Current Limiting

Type HHED6^④

Black Label

Type CED6^④

Red Label

Continuous Current Rating @ 40°C	3-Pole		2-Pole		3-Pole	
	600V AC		600V AC, 250V DC		600V AC, 500V DC ^②	
	Catalog Number ^②		Catalog Number		Catalog Number	
15	HHED63B015A	CED62B015		CED63B015		
20	HHED63B020	CED62B020■		CED63B020		
25	HHED63B025	—		—		
30	HHED63B030	CED62B030■		CED63B030		
35	HHED63B035	—		—		
40	HHED63B040	CED62B040■		CED63B040		
45	HHED63B045	—		—		
50	HHED63B050	CED62B050■		CED63B050		
60	—	CED62B060■		CED63B060		
70	—	CED62B070■		CED63B070		
80	—	CED62B080■		CED63B080		
90	—	CED62B090■		CED63B090		
100	—	CED62B100■		CED63B100		
110	—	—		CED63B110■		
125	—	CED62B125■		CED63B125		

Interrupting Ratings

Breaker Type	UL 489 AIR (File #E10848)										IEC 947-2					
	RMS Symmetrical Amperes (KA)										Volts AC (50/60Hz)					
	Volts AC					Volts DC					220/240		380/415		500	
	120	240	277	347	480	600	125	250	500 ^②	600	Icu	Ics	Icu	Ics	Icu	Ics
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	—	—	18 (3-P)	65	17	35	9	18	5	
ED6 (3-P)	—	—	—	—	—	—	—	—	10	—	—	—	—	—	—	
HED4 (1-P) (15-30A)	100	—	65	—	—	—	30	—	—	—	—	—	—	—	—	
HED4 (1-P) (35-100A)	100	—	25	—	—	—	30	—	—	—	—	—	—	—	—	
HED4 (2, 3-P) ^④	—	100	—	—	42	—	—	30 (2-P)	—	—	—	—	—	—	—	
HHED6 (2, 3-P) ^④	—	100	—	—	65	18 ^⑦	—	—	—	—	—	—	—	—	—	
CED6 (2, 3-P)	—	200	—	—	200	100	—	50 (2-P)	30 (3-P)	—	—	—	—	—	—	

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

①SWD rated.

②When wired as shown on page 7-4, this circuit breaker is UL listed and rated for use on 500V DC ungrounded UPS systems.

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

④ED6-ETI, CED6-ETI, see page 7-72 for ordering information.

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

⑥HACR rated.

⑦HHED63B015A is rated 18KAIC at 600/347V.