

Molded Case Circuit Breakers

ED 125A Frame Sentron Series

Selection/Dimensions

Type HED4⁵

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

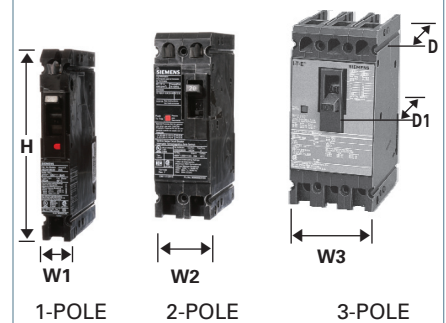
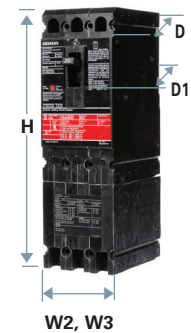


FIGURE 2 - CED (3-Pole shown)



Dimensions (in inches)

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

Fuseless Current Limiting

Type HHED6⁵

Black Label

Type CED6⁵

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 ^④		Catalog Number	Catalog Number
15	HHED63B015A		CED62B015	CED63B015
20	HHED63B020		CED62B020■	CED63B020
25	HHED63B025		—	—
30	HHED63B030		CED62B030■	CED63B030
35	HHED63B035		—	—
40	HHED63B040		—	CED63B040
45	HHED63B045		—	—
50	HHED63B050		—	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						Volts DC			Volts AC (50/60Hz)					
	120	240	277	347	480	600	125	250	500 ^②	600	220/240		380/415		500
lcu	lcs	lcu	lcs	lcu	lcs	lcu	lcs	lcs	lcs	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 ^④	—	—	—	30	—	—	—	—	—	—	—
ED6 (2, 3-P)	—	65	—	—	25	18	—	—	18 (3-P)	—	65	17	35	9	18
ED6 (3-P)	—	—	—	—	—	—	—	—	—	10 ^②	—	—	—	—	—
HED4 (1-P) (15-30A)	100	—	65	—	—	—	30	—	—	—	—	—	—	—	—
HED4 (1-P) (35-100A)	100	—	25	—	—	—	30	—	—	—	—	—	—	—	—
HED4 (2, 3-P)	—	100	—	—	42	—	—	30 (2-P)	—	—	—	—	—	—	—
HHED6 (2, 3-P)	—	100	—	—	65	18 ^④	—	—	—	—	—	—	—	—	—
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.

③ ED6-ETI, CED6-ETI, see page 7-126 for ordering information.

④ Single Pole 15-30A 30KA @ 347V non-UL.
35-100A 18KA @ 347V non-UL.

⑤ HACR rated.

⑥ HHED63B015A is rated 18KAIC at 600/347V.

⑦ 600VDC only applies to ED63D___ breakers