

Types NEB/HEB Circuit Breakers

EG Frame, Low-tab version for panelboard mounting

Approvals: UL, CSA, IEC, CE Marked

Ratings and Markings

Pole	Current Range (A)	HACR Rated	SWD ① Marked	HID Marked
1, 2, 3	15 – 125	15 – 125A	15 – 20A	15 – 50A

① SWD rating for 1 pole units only.

Shipping Weight:

1.4 lbs. / 0.5 kgs.	1 Pole
2.4 lb. / 0.9 kgs.	2 Poles
3.7 lbs. / 1.4 kgs.	3 Poles

Terminal Connectors

Lug Information

Breaker Amp Rating (A)	Wire Size (AWG)	Torque (lb.-in.)	Connector Material	Connector Kit Catalog No.
15 – 125	14 – 10 AWG	35	Steel (Cu wire only)	3TW1EG30 (kit of 3)
	8 AWG	40		
	6 – 4 AWG	45		
	3 – 3/0 AWG	50		
	14 – 10 AWG	35	Aluminum (Cu/Al wire)	3TA1EG10 (kit of 3)
	8 AWG	40		
	6 – 4 AWG	45		
	3 – 1/0 AWG	50		
	6 – 2 AWG	80	Aluminum (Cu/Al wire)	3TA1EG30 (kit of 3)
	1 – 3/0 AWG	80		

60/75° C wire



Interrupting Ratings (max. RMS symmetrical amperes kA)

Breaker Type	Poles	UL489/CSA							IEC 60947-2 (Ics = 50% Icu)		
		Volts AC							Volts AC		
		120	240	277	347	480	600Y/347	125/250	240	415	250
NEB	1	100	85	35	22	—	—	35	85	—	35
	2, 3	—	85	—	—	35	22	35	85	40	35
HEB	1	200	100	65	25	—	—	42	100	—	42
	2, 3	—	100	—	—	65	25	42	100	70	42

40°C, 50/60Hz

Ordering Information

Type EG – 1, 2, and 3 Pole Circuit Breakers

Ampere Rating I _n	NEB Catalog Number Panelboard Mounting	HEB Catalog Number Panelboard Mounting
15	NEB __ B015B	HEB __ B015B
20	NEB __ B020B	HEB __ B020B
25	NEB __ B025B	HEB __ B025B
30	NEB __ B030B	HEB __ B030B
35	NEB __ B035B	HEB __ B035B
40	NEB __ B040B	HEB __ B040B
45	NEB __ B045B	HEB __ B045B
50	NEB __ B050B	HEB __ B050B
60	NEB __ B060B	HEB __ B060B
70	NEB __ B070B	HEB __ B070B
80	NEB __ B080B	HEB __ B080B
90	NEB __ B090B	HEB __ B090B
100	NEB __ B0100B	HEB __ B100B
110	NEB __ B0110B	HEB __ B0110B
125	NEB __ B0125B	HEB __ B0125B

1 = 1 pole
2 = 2 pole
3 = 3 pole

B = Load side lugs ②

1 = 1 pole
2 = 2 pole
3 = 3 pole

B = Load side lugs ②

② "B" Suffix indicates standard terminal lugs TA1EG10 (15 – 100A) and TA1EG30 (110 – 125A) are factory installed on load end.