

Ratings and Markings

Type	Current Range (A)	HACR Rated	SWD Marked ①	HID Marked ①
1 pole	15 - 125	15 - 125	15 - 20	15 - 50
2, 3, 4 pole	15 - 125	15 - 125	—	15 - 50

① For Type NEB and HEB 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
4.8 lbs. / 1.8 kgs.	4 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	Aluminum (Cu/Al wire)	3TA1EG10 (kit of 3)
	14 - 10 AWG	35		
	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						IEC 60947-2 (Ics = 50% Icu)					
		Volts AC						Volts DC		Volts AC			Volts DC
		120	240	277	347	480	600Y/347	125/250	240	415	250		
NEG/NEB	1	—	85	35	22	—	—	35	85	—	35		
	2, 3, 4	—	85	—	—	35	22	35	85	40	35		
HEG/HEB	1	—	100	65	25	—	—	42	100	—	42		
	2, 3, 4	—	100	—	—	65	25	42	100	70	42		

40°C, 50/60Hz

Ordering Information

Type EG 1, 2, 3 and 4 Pole Circuit Breakers

Ampere Rating I _n	NEG Catalog Number (Cable In - Cable Out)	NEB Catalog Number (Panelboard Mounting)
15	NEG __ B015L	NEB __ B015B
20	NEG __ B020L	NEB __ B020B
25	NEG __ B025L	NEB __ B025B
30	NEG __ B030L	NEB __ B030B
35	NEG __ B035L	NEB __ B035B
40	NEG __ B040L	NEB __ B040B
45	NEG __ B045L	NEB __ B045B
50	NEG __ B050L	NEB __ B050B
60	NEG __ B060L	NEB __ B060B
70	NEG __ B070L	NEB __ B070B
80	NEG __ B080L	NEB __ B080B
90	NEG __ B090L	NEB __ B090B
100	NEG __ B100L	NEB __ B100B
110	NEG __ B110L	NEB __ B110B
125	NEG __ B125L	NEB __ B125B

1 = 1 pole
 2 = 2 pole
 3 = 3 pole
 4 = 4 pole

L = Line & Load side lugs ①

B = Load side lugs ②

For 'H' (higher interrupting) rated breakers, replace 'N' with 'H'. The standard lug is Catalog Number TW1EG30.

① This "L" indicates Line Side and Load Side lugs are supplied as standard. To order an NEG without lugs, remove the L suffix.

② This "B" indicates Load Side lugs are supplied as standard. To order an NEB without lugs, remove the B suffix.

Shunt Trip

Control Voltage Range		Catalog Number
AC	DC	
24 - 60	24 - 60	STREM60D
110 - 240	—	STRER240
380 - 600	—	STREV600

Alarm Switch

Description	Catalog Number
Single Alarm Switch 1A - 1B Contacts	ASKE1
Double Alarm Switch 2A - 2B Contacts	ASKE5
Combination Auxiliary Switch & Alarm Switch (1A - 1B each)	ASKE6

Auxiliary Switch

Description	Catalog Number
Single Auxiliary Switch 1A - 1B Contacts	ASKE2
Double Auxiliary Switch 2A - 2B Contacts	ASKE3

Auxiliary/Alarm Switch Ratings

AC	DC
6A at 230VAC	6A at 24VDC
3A at 400VAC	0.5A at 125VDC
0.25A at 600VAC	0.25A at 250VDC

Undervoltage Releases

Control Voltage Range		Catalog Number
AC	DC	
12	12	UVREA12AD
24	24	UVREB24AD
48 - 60	—	UVREM60
110 - 127	—	UVREN120
208 - 240	—	UVRER240
380 - 500	—	UVREU480
525 - 600	—	UVREV600
—	48 - 60	UVREC48D
—	110 - 125	UVRED125D
—	220 - 250	UVREE250D

Available Accessory Combinations

Left Accessory Pocket	Right Accessory Pocket	
	Auxiliary Switch Contacts	Alarm Contacts
Shunt Trip or UVR	1A - 1B	0
	2A - 2B	0
	0	1A - 1B
	0	2A - 2B
Maximum 1 Shunt Trip or UVR	1A - 1B	1A - 1B

Shunt Trip, Undervoltage Release, Auxiliary Switches, and Alarm Switches are internal accessories contained within a field installable module for the EG/EB circuit breakers. A Shunt Trip or UVR can only be installed in the left accessory pocket (for 3-pole breakers). The Auxiliary Switches and/or Alarm Switch can only be installed in the right accessory pocket (for 2-pole and 3-pole breakers).

UL EG Frame Outline Drawing – 1, 2, 3 Pole (4 Pole not shown)

