

Types NEG/HEG Circuit Breakers

EG Frame, Cable In – Cable Out

Approvals: UL, CSA, IEC, CE Marked

Ratings and Markings

Poles	Current Range (A)	HACR Rated	SWD ① Rated	HID Marked
1, 2, 3, 4	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
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 ② (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	Aluminum (Cu/Al wire)	3TA1EG30 (kit of 3)	
3 – 1/0 AWG	50			
6 – 2 AWG	80			
1 – 3/0 AWG	80			

60/75° C wire ② The standard lug is Catalog Number TW1EG30.



Interrupting Ratings (max. RMS symmetrical amperes kA)

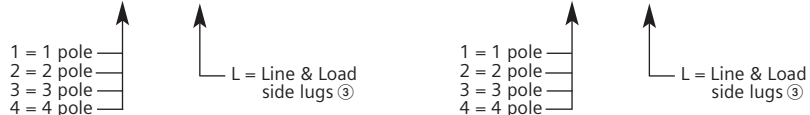
Breaker Type	Poles	UL489/CSA Volts AC						IEC 60947-2 (Ics = 50% Icu)			
		120	240	277	347	480	600Y/347	125/250	240	415	250
NEG	1	100	85	35	22	—	—	35	85	—	35
	2, 3, 4	—	85	—	—	35	22	35	85	40	35
HEG	1	200	100	65	25	—	—	42	100	—	42
	2, 3, 4	—	100	—	—	65	25	42	100	70	42

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)	HEG Catalog Number (Cable In – Cable Out)
15	NEG__B015L	HEG__B015L
20	NEG__B020L	HEG__B020L
25	NEG__B025L	HEG__B025L
30	NEG__B030L	HEG__B030L
35	NEG__B035L	HEG__B035L
40	NEG__B040L	HEG__B040L
45	NEG__B045L	HEG__B045L
50	NEG__B050L	HEG__B050L
60	NEG__B060L	HEG__B060L
70	NEG__B070L	HEG__B070L
80	NEG__B080L	HEG__B080L
90	NEG__B090L	HEG__B090L
100	NEG__B100L	HEG__B100L
110	NEG__B110L	HEG__B110L
125	NEG__B125L	HEG__B125L



③ "L" Suffix indicates standard terminal lugs TW1EG30 are factory installed on both line and load ends.

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Shunt Trip

Control Voltage Range		
AC	DC	Catalog Number
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 Release

Control Voltage Range		
AC	DC	Catalog Number
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	
Shunt Trip or UVR	Auxiliary Switch Contacts	Alarm Contacts
Maximum 1 Shunt Trip or UVR	1A – 1B	0
	2A – 2B	0
	0	1A - 1B
	0	2A - 2B
	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).

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

