

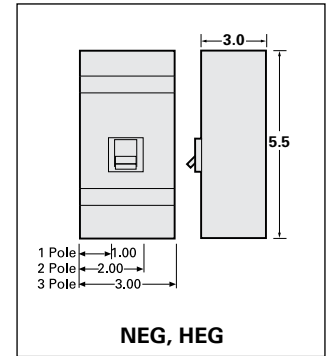
Molded Case Circuit Breakers

EG 125A Frame

Selection/Dimensions

Type NEB (Panelboard Mount), NEG (Cable In - Cable Out)

Continuous Ampere Rating @ 40C	1-Pole		2-Pole		3-Pole		4-Pole
	Catalogue Number		Catalogue Number		Catalogue Number		Catalogue Number
	Panelboard Mount	General Purpose Breakers ^②	Panelboard Mount	General Purpose Breakers ^②	Panelboard Mount	General Purpose Breakers ^②	General Purpose Breakers ^②
15	NEB1B015B ^①	NEG1B015L ^{②③}	NEB2B015B	NEG2B015L ^②	NEB3B015B	NEG3B015L ^②	NEG4B015L
20	NEB1B020B ^①	NEG1B020L ^{②③}	NEB2B020B	NEG2B020L ^②	NEB3B020B	NEG3B020L ^②	NEG4B020L
25	NEB1B025B	NEG1B015L ^②	NEB2B025B	NEG2B015L ^②	NEB3B025B	NEG3B015L ^②	NEG4B015L
30	NEB1B030B	NEG1B030L ^②	NEB2B030B	NEG2B030L ^②	NEB3B030B	NEG3B030L ^②	NEG4B030L
35	NEB1B035B	NEG1B035L ^②	NEB2B035B	NEG2B035L ^②	NEB3B035B	NEG3B035L ^②	NEG4B035L
40	NEB1B040B	NEG1B040L ^②	NEB2B040B	NEG2B040L ^②	NEB3B040B	NEG3B040L ^②	NEG4B040L
45	NEB1B045B	NEG1B045L ^②	NEB2B045B	NEG2B045L ^②	NEB3B045B	NEG3B045L ^②	NEG4B045L
50	NEB1B050B	NEG1B050L ^②	NEB2B050B	NEG2B050L ^②	NEB3B050B	NEG3B050L ^②	NEG4B050L
60	NEB1B060B	NEG1B060L ^②	NEB2B060B	NEG2B060L ^②	NEB3B060B	NEG3B060L ^②	NEG4B060L
70	NEB1B070B	NEG1B070L ^②	NEB2B070B	NEG2B070L ^②	NEB3B070B	NEG3B070L ^②	NEG4B070L
80	NEB1B080B	NEG1B080L ^②	NEB2B080B	NEG2B080L ^②	NEB3B080B	NEG3B080L ^②	NEG4B080L
90	NEB1B090B	NEG1B090L ^②	NEB2B090B	NEG2B090L ^②	NEB3B090B	NEG3B090L ^②	NEG4B090L
100	NEB1B100B	NEG1B100L ^②	NEB2B100B	NEG2B100L ^②	NEB3B100B	NEG3B100L ^②	NEG4B100L
110	NEB1B110B	NEG1B110L ^②	NEB2B110B	NEG2B110L ^②	NEB3B110B	NEG3B110L ^②	NEG4B110L
125	NEB1B125B	NEG1B125L ^②	NEB2B125B	NEG2B125L ^②	NEB3B125B	NEG3B125L ^②	NEG4B125L



Type HEB (Panelboard Mount), HEG (Cable In - Cable Out)

15	HEB1B015B ^①	HEG1B015L ^{②③}	HEB2B015B	HEG2B015L ^②	HEB3B015B	HEG3B015L ^②	HEG4B015L ^②
20	HEB1B020B ^①	HEG1B020L ^{②③}	HEB2B020B	HEG2B020L ^②	HEB3B020B	HEG3B020L ^②	HEG4B020L ^②
25	HEB1B025B	HEG1B015L ^②	HEB2B025B	HEG2B015L ^②	HEB3B025B	HEG3B015L ^②	HEG4B015L ^②
30	HEB1B030B	HEG1B030L ^②	HEB2B030B	HEG2B030L ^②	HEB3B030B	HEG3B030L ^②	HEG4B030L ^②
35	HEB1B035B	HEG1B035L ^②	HEB2B035B	HEG2B035L ^②	HEB3B035B	HEG3B035L ^②	HEG4B035L ^②
40	HEB1B040B	HEG1B040L ^②	HEB2B040B	HEG2B040L ^②	HEB3B040B	HEG3B040L ^②	HEG4B040L ^②
45	HEB1B045B	HEG1B045L ^②	HEB2B045B	HEG2B045L ^②	HEB3B045B	HEG3B045L ^②	HEG4B045L ^②
50	HEB1B050B	HEG1B050L ^②	HEB2B050B	HEG2B050L ^②	HEB3B050B	HEG3B050L ^②	HEG4B050L ^②
60	HEB1B060B	HEG1B060L ^②	HEB2B060B	HEG2B060L ^②	HEB3B060B	HEG3B060L ^②	HEG4B060L ^②
70	HEB1B070B	HEG1B070L ^②	HEB2B070B	HEG2B070L ^②	HEB3B070B	HEG3B070L ^②	HEG4B070L ^②
80	HEB1B080B	HEG1B080L ^②	HEB2B080B	HEG2B080L ^②	HEB3B080B	HEG3B080L ^②	HEG4B080L ^②
90	HEB1B090B	HEG1B090L ^②	HEB2B090B	HEG2B090L ^②	HEB3B090B	HEG3B090L ^②	HEG4B090L ^②
100	HEB1B100B	HEG1B100L ^②	HEB2B100B	HEG2B100L ^②	HEB3B100B	HEG3B100L ^②	HEG4B100L ^②
110	HEB1B110B	HEG1B110L ^②	HEB2B110B	HEG2B110L ^②	HEB3B110B	HEG3B110L ^②	HEG4B110L ^②
125	HEB1B125B	HEG1B125L ^②	HEB2B125B	HEG2B125L ^②	HEB3B125B	HEG3B125L ^②	HEG4B125L ^②

No. of Poles	No. per Carton	Shipping Weight lbs. (kg)	
		NEB/HEB	NEG/HEG
1	1	1.4 (0.7)	1.1 (0.5)
2	1	2.4 (1.1)	2.0 (0.9)
3	1	3.7 (1.7)	3.1 (1.4)
4	1	N/A	3.9 (1.8)

HEG Line and load lugs are included as standard. HACR rated. Suitable for screw mounting.

EG 125A Frame Molded Case Switch - (Magnetic Trip Only)

Continuous Ampere Rating	Catalogue Number
3-Pole	
100	HES3S100L
125	HES3S125L
160	HES3S160L
4-Pole	
125	HES4S125L

EG 125A Frame 3-Pole Motor Circuit Protector

Continuous Ampere Rating	Catalogue Number
3	HEM3M003L
7	HEM3M007L
15	HEM3M015L
30	HEM3M030L
50	HEM3M050L
70	HEM3M070L
100	HEM3M100L
125	HEM3M125L

Lugs For 60/75°C Wire

Ampere Rating	Wire Size	Catalogue Number	
		NEB-HEB	NEG-HEG
15-100A	#14-1/0	3TA1EG10 (qty.3)	N/A
60-125A	#6-2/0	3TA1EG30 (qty.3)	N/A
15-125A	#14-3/0 AWG Cu (steel lugs)	N/A	3TW1EG30 (qty.3)
15-125A4	#14-1/0 AWG Cu #14-1/0 AWG Al	N/A	3TA1EG10 (qty.3)
15-125A4	#6-3/0 AWG Cu #6-3/0 AWG Al	N/A	3TA1EG30 (qty.3)
15-125A	Nut Keeper plate w/screw (for crimp) terminals	N/A	TNKE3(3-Pole) TNKE4 (4-Pole)

Interrupting Ratings

Breaker Type	Number of Poles	UL 489 AIR					IEC 60947-2							
		RMS Symmetrical Amperes (KA)					Volts AC (50/60Hz)							
		Volts AC(50/60Hz)					Volts DC		220/240		380/415		Volts DC	
NEB/NEG	1	85	35	22	—	—	35	—	85	43	—	—	35	—
	2, 3, 4	85	—	—	35	22 ^②	—	35	85	43	40	20	—	35
HEB/HEG	1	100	65	25	—	—	42	—	100	50	—	—	42	—
	2, 3, 4	100	—	—	65	25 ^②	—	42	100	50	70	35	—	42

For inches / millimeters conversion, see Application Data section.

① SWD rated.
② HID rated 347V.

③ Applies to 3 & 4-pole breakers only.
④ Optional lugs for NEG and HEG breakers.

⑤ General Purpose Breakers also carry CE marks

Molded Case Circuit Breakers

Internal Accessories for NEG and HEG 125A Frame

Selection

Shunt Trip

Control Voltage		NEG, HEG, NEB, HEB Catalogue Number
V AC	V DC	
110-240	125	STREB240
380-600	—	STREB600
24-60	24-60	STREB60D

Auxiliary Switch

Maximum Voltage		Number of Contacts	NEG, HEG, NEB, HEB Catalogue Number
AC	DC		
240	125	1A-1B	ASKE2
240	125	2A-2B	ASKE3

Alarm Switch

Maximum Voltage		Number of Contacts	NEG, HEG, NEB, HEB Catalogue Number
AC	DC		
240	125	1A-1B	ASKE1
240	125	2A-2B	ASKE5

Undervoltage Trip

Control Voltage		NEG, HEG, NEB, HEB Catalogue Number
AC	DC	
24		UVREB24A
60		UVREM60▲
120		UVREN120
240		UVRER240
480		UVREU480▲
600		UVREV600▲
	24	UVREB24D
	48	UVREC48D▲
	125	UVRED125D▲
	250	UVREE250D▲

Alarm and Auxiliary Switch Combinations

For Breaker	Catalogue Number
NEG, HEG	ASKE6

Locks and Interlocks

Description	Quantity per Kit	Accessory Kit Catalogue Number
Handle Blocking Device	1	HBDE
Handle Padlocking Device, 3-pole only (allows padlocking the handle in the OFF or ON position)	1	HPLE

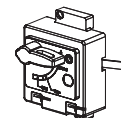
Miscellaneous Accessories

Breaker Amp Rating (A)	Description	Catalogue Number
	Mounting Screw Kit, 1-pole	MSKE1
	Mounting Screw Kit, 2-pole	MSKE2
	Mounting Screw Kit, 3 or 4-pole	MSKE4
	DIN Rail Adapter, 3 or 4-pole	DRAE3

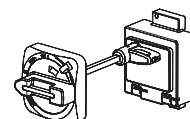
Handle Operators

Description	NEMA Type	Catalogue Number
Rotary Handle Operator (black handle, breaker mounted)	1	RHFESD
Rotary Handle Operator with Door Interlock (black handle, breaker mounted)	1	RHFESDL
Rotary Handle Operator (red handle, breaker mounted)	1	RHFESDEM
Variable Depth Rotary Operator Kit (black handle, 6 inch shaft)	1, 12, 3R, 4X	RHVE64X
Variable Depth Rotary Operator Kit (black handle, 12 inch shaft)	1, 12, 3R, 4X	RHVE124X
Variable Depth Rotary Operator Kit (black handle, 24 inch shaft)	1, 12, 3R, 4X	RHVE244X
Variable Depth Rotary Operator Kit (red handle, 6 inch shaft)	1, 12, 3R, 4X	RHVEEM64X
Variable Depth Rotary Operator Kit (red handle, 12 inch shaft)	1, 12, 3R, 4X	RHVEEM124X
Variable Depth Rotary Operator Kit (red handle, 24 inch shaft)	1, 12, 3R, 4X	RHVEEM244X
Flex Operator Kit (Flange Mounted Variable Depth, 24 in. cable)	1, 12	MFKE2
Flex Operator Kit (Flange Mounted Variable Depth, 36 in. cable)	1, 12	MFKE3
Flex Operator Kit (Flange Mounted Variable Depth, 48 in. cable)	1, 12	MFKE4
Flex Operator Kit (Flange Mounted Variable Depth, 60 in. cable)	1, 12	MFKE5
Flex Operator Kit (Flange Mounted Variable Depth, 72 in. cable)	1, 12	MFKE6
Flex Operator Kit (Flange Mounted Variable Depth, 84 in. cable)	1, 12	MFKE7
Flex Operator Kit (Flange Mounted Variable Depth, 96 in. cable)	1, 12	MFKE8
Flex Operator Kit (Flange Mounted Variable Depth, 108 in. cable)	1, 12	MFKE9
Flex Operator Kit (Flange Mounted Variable Depth, 120 in. cable)	1, 12	MFKE10
Flex Operator Kit (Flange Mounted Variable Depth, 24 in. cable)	4X	MFKE4X2
Flex Operator Kit (Flange Mounted Variable Depth, 36 in. cable)	4X	MFKE4X3
Flex Operator Kit (Flange Mounted Variable Depth, 48 in. cable)	4X	MFKE4X4
Flex Operator Kit (Flange Mounted Variable Depth, 60 in. cable)	4X	MFKE4X5
Flex Operator Kit (Flange Mounted Variable Depth, 72 in. cable)	4X	MFKE4X6
Flex Operator Kit (Flange Mounted Variable Depth, 84 in. cable)	4X	MFKE4X7
Flex Operator Kit (Flange Mounted Variable Depth, 96 in. cable)	4X	MFKE4X8
Flex Operator Kit (Flange Mounted Variable Depth, 108 in. cable)	4X	MFKE4X9
Flex Operator Kit (Flange Mounted Variable Depth, 120 in. cable)	4X	MFKE4X10

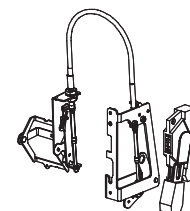
All operators are for use on 3-pole and 4-pole breakers.



RHFESDEM



RHVE64X



Flex Operator Kit