

# General Information

The intelligent simplicity of the Siemens EG circuit breaker, with its modularity, ease of use, global ratings, compact size, and flexibility make it one of the most versatile circuit breakers available. The Siemens type EG circuit breaker is a compact, industrial design thermal magnetic breaker with valuable features for the global markets including a design that meets multi-national standards and UL listed field installable accessories.

The EB circuit breaker includes the same design features as the EG except the top of the breaker is configured for panelboard mounting applications.

## Applications:

- With their compact size, the EG circuit breakers are well suited for OEM designed equipment in both light commercial and industrial applications.

- The EG family includes thermal-magnetic breakers, molded case switches, and motor circuit protectors.
- The EG can be independently mounted on DIN rail with the adapter base or held in place by mounting screws.
- The EB breaker is for panelboard mounted applications.
- These circuit breakers may be used as incoming main and branch breakers in distribution systems.

## Operating Conditions:

- For installation in dusty and damp rooms or outdoors, suitable enclosures must be used.
- Standard EG breakers are factory calibrated for 40° C maximum ambient.
- Units calibrated for 50° C maximum ambient (non-UL) and naval applications are available.

## 125A Frame Type EG

- Global rated (UL/CSA/IEC/NOM)  
UL489  
CSA-C22.2 No. 5-02  
IEC 60947-2  
NMX-J-266-ANCE-2002 (Pending approval)
- HACR, SWD, and HID marked (at applicable ratings)
- UL Listed Field Installable Accessories
- Removable Lugs or Ring Terminal Connectors
- 35kA or 65kA @ 480VAC
- Compact Size  
3.0"W x 5.5"H x 3.0"D (1.0" wide per pole)
- 1, 2, 3, 4 Pole Units
- Overcenter toggle and trip free mechanism
- Suitable for Reverse Feed Applications
- Common Trip
- Voltage ratings of 120V, 240V, 277V, 480V, 600Y/347V AC  
DC rated up to 250V DC

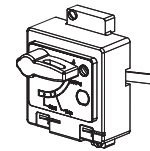


# External Accessories

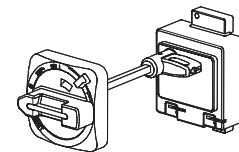
## Handle Operators

Description	NEMA Type	Catalog 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

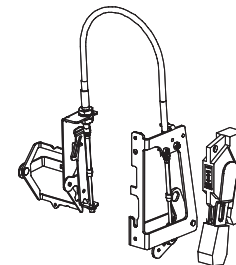
All operators are for use on 3-pole and 4-pole breakers.



RHFESDEM



RHVE64X



Flex Operator Kit