



Power Break® II

Insulated Case Circuit Breakers 800-4000 Amperes

Compact, lightweight design for reduced installation cost

Complete line of field-installable accessories provides maximum flexibility. Modular accessories include: shunt trip, shunt trip with lockout, bell alarm, bell alarm with lockout, under-voltage release, auxiliary switches, motor operators and key interlocks

10,000 mechanical operations without servicing for high reliability

Advanced trip-unit functions including event counting, metering, and event recording provide maximum uptime

Universal, modular drop-in accessories reduce inventory and simplify engineering and ordering processes

Compact design

Field-installable motor operator

Easy-to-read indicators

Universal drop-in accessories

Dedicated secondary terminals



Choice of trip units

Easy-to-reach, double-insulated ON/OFF buttons

Padlock device

Charge-after-close mechanism

Flush-mounted pump handle

Interchangeable rating plugs

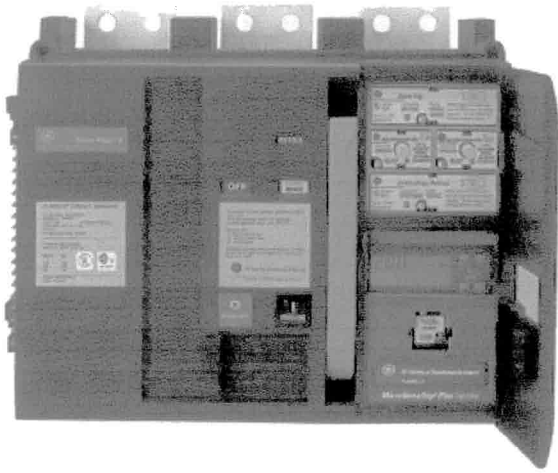
2500-Amp Frame Power Break II Circuit Breaker

GE Electrical Distribution & Control

Power Break® II

Insulated Case Circuit Breakers

2000A Power Break II Circuit Breaker



800 - 2000A Power Break II Circuit Breakers are up to 40% smaller than their predecessors, yet offer more features and flexibility to meet user needs.

Specifications

- Rated for up to 200,000 amperes RMS symmetrical for 240 Vac without fuses
- 800 through 4000-Amp frames, 3 envelope sizes
- 3-cycle closing time
- Drawout and stationary versions
- UL 489 Listed, CSA C22.2 No. 5.1 Certified, NEMA Rated, IEC 947-2, NOM Certified

Interrupting Rating Breaker Performance in RMS Symmetrical kA

UL 489 50/60Hz	Frame Size			
	800A	1600-2000A	2500-3000A	4000A
Standard				
240V	65	85	100	100
480V	65	65	100	100
600V	50	50	85	85
Hi-Break®				
240V	100	125	200	200
480V	100	100	150	150
600V	65	65	100	100
Short Time (0.5 sec.)	25	40	42	42
IEC 947-2 Ratings 415V, 50/60 Hz				
Icu	—	75	75*	85
Ics	—	56	45*	25
Icw (1 sec)	—	40	50*	50

* Requires 4000A construction

Key Features

- Compact, lightweight design – 3 frame sizes
- Modular, drop-in accessories common to all frame sizes
- Flush-mounted pump handle
- Manually and electrically operated versions in same compact envelope
- Double-insulated ON/OFF buttons
- 72-point pre-wired, dedicated secondary terminals
- Modular, field-installable motor operator
- Choice of MicroVersaTrip Plus™, Power+™, or MicroVersaTrip PM™ trip units—field interchangeable, UL Listed
- MicroVersaTrip Plus and MicroVersaTrip PM trip units have LCD displays to identify type of trip including shunt trip, UVR and ground fault
- Battery included for cold setup and target viewing
- MicroVersaTrip PM trip units are compatible with POWER LEADER™ Power Management System
- Modular auxiliary switches with up to 12 NO/NC sets of contacts
- Tested to more than 10,000 operations
- Manual discharge of springs without closing
- Charge-after-close mechanism
- Suitable for reverse feed

Accessories

- Motor operator with remote solenoid
- Auxiliary switches (12 stage maximum)
- Undervoltage release module
- Shunt trip and shunt trip with lockout modules
- Bell alarm module (alarm only)
- Bell alarm with lockout module
- Mechanical operations counter
- Kirk Key locks (4 maximum)
- Remote close solenoid
- Limited access ON/OFF cover

For additional information contact your local GE ED&C Sales office or refer to publications DEA-013, GET-8052, GEP-066.

* For availability of Power+ Trip Units, contact your ED&C Sales Engineer



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