



HIGH VOLTAGE CIRCUIT BREAKERS

	PRODUCT	RATING	FEATURES
	DT1-38FK-40-F1	<ul style="list-style-type: none"> • Up to 38 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanism • Gang Operated
	DT1-72.5FK-40-F1	<ul style="list-style-type: none"> • 72.5 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanism • Gang Operated
	DT1-72.5FK-40-F3	<ul style="list-style-type: none"> • 72.5 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Optional Synchronous Control for Point-on-Wave Switching
	DT1-145FK-40-F1 DT1-170FK-40-F1	<ul style="list-style-type: none"> • 123 kV, 145 kV, 170 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanism • Gang Operated
	DT1-72.5R-40-F1 DT1-145R-40-F1	<ul style="list-style-type: none"> • 72.5 kV, 123 kV, 145 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanism • Gang Operated • Pre-Insertion Resistors (PIR)
	DT1-145FK-40-F3 DT1-170FK-40-F3	<ul style="list-style-type: none"> • 123 kV, 145 kV, 170 kV • 1200 A to 3000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Optional Synchronous Control for Point-on-Wave Switching
	DT1-72.5-63-F1 DT1-145-63-F1	<ul style="list-style-type: none"> • 72.5 kV, 123 kV, 145 kV • 1200 A to 4000 A • 63 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-4 SPRING/SPRING mechanism • Gang Operated • NO CAPACITORS
	DT1-145g-63	<ul style="list-style-type: none"> • 72.5 kV, 123 kV, 145 kV • 1200 A to 4000 A • 63 kA, 3 cycles 	<ul style="list-style-type: none"> • SF₆-FREE • FK3-4 SPRING/SPRING mechanism • Gang Operated
	DT1-245P-40-F1	<ul style="list-style-type: none"> • 245 kV • 1200 A to 4000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-4 SPRING/SPRING mechanism • Gang Operated • Optional 2 cycle performance
	DT1-245P-40-F3	<ul style="list-style-type: none"> • 245 kV • 1200 A to 4000 A • 40 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Optional Synchronous Control for Point-on-Wave Switching

* Special ratings and applications available on request. Contact your GE representative for more information.

	PRODUCT	RATING	FEATURES
	DT1-245P-63-F1	<ul style="list-style-type: none"> • 245 kV • 1200 A to 5000 A • 63 kA, 2 cycles 	<ul style="list-style-type: none"> • FK3-6 SPRING/SPRING mechanism • Gang Operated • NO CAPACITORS
	DT1-245P-63-F3	<ul style="list-style-type: none"> • 245 kV • 1200 A to 5000 A • 63 kA, 2 cycles 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Optional Synchronous Control for Point-on-Wave Switching • NO CAPACITORS
	MOV for Shunt Reactor Switching	<ul style="list-style-type: none"> • 38 kV to 800 kV • Dead Tank, Live Tank, Circuit Switcher • Varistors sized based on user specifications. 	<ul style="list-style-type: none"> • Varistors across HV Terminals extend circuit breaker life • External mounting for increased reliability and ease of maintenance
	DT1-362-63-F3 DT1-362R-63-F3	<ul style="list-style-type: none"> • 362 kV • 1200 A to 5000 A • 63 kA, 2 cycles 	<ul style="list-style-type: none"> • FK3-6 SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Optional Synchronous Control for Point-on-Wave Switching • Optional Pre-Insertion Resistors (PIR)
	DT2-550-63-H3 DT2-550-63-F3 DT2-550R-63-H3 DT2-550R-63-F3	<ul style="list-style-type: none"> • 550 kV • 1200 A to 5000 A • 63 kA, 2 cycles 	<ul style="list-style-type: none"> • Hydraulic Mechanisms • Independent Pole Operation (IPO) • Optional Point-on-Wave Switching • Optional Pre-Insertion Resistors (PIR) • Optional SPRING/SPRING Mechanisms
	GL3 Series Live Tank	<ul style="list-style-type: none"> • 72.5 kV to 800 kV • 1200 A to 4000 A • Up to 63 kA, 3 cycles 	<ul style="list-style-type: none"> • FK3-x SPRING/SPRING mechanisms • Independent Pole Operation (IPO) • Or Gang Operated (voltage dependent)
	Live Tank GL309 GL312 GL313 GL314	<ul style="list-style-type: none"> • 72.5 kV to 245 kV • 1200 A to 3000 A • Up to 40 kA, 3 cycles 	<ul style="list-style-type: none"> • Circuit Switcher applications • FK SPRING/SPRING operated mechanism • Circuit Breaker performance in a Circuit Switcher footprint
	GL314BPS High Speed Bypass Switch	<ul style="list-style-type: none"> • Up to 800 kV system • Up to 170 kV across gap • Making Current 120 kAp • Insertion Current 5000 A • Insertion Voltage 300 kVp 	<ul style="list-style-type: none"> • Series Capacitor Bypass Protection • FK3-2 SPRING/SPRING mechanisms • Independent Pole Operation
	HYpact	<ul style="list-style-type: none"> • 72.5 kV to 170 kV • 2500 A • 40 kA, 3 cycles • Hybrid compact switchgear assembly 	<ul style="list-style-type: none"> • FK3-1 SPRING/SPRING mechanism • Gang Operated • Endless configurations –breakers, disconnect switches, CTs, VTs, cable connections.
	CBWatch3	<ul style="list-style-type: none"> • Circuit Breaker Monitoring • IEC 61850 8.1 (DNP3 option) 	<ul style="list-style-type: none"> • Permanent real-time monitoring of CB operational parameters • SF₆ emissions trending
	Synchronous Control (Point on Wave Switching)	<ul style="list-style-type: none"> • Cabinet mounted or Rack Mounted 	<ul style="list-style-type: none"> • Point-on-wave (POW) trip/close • Capacitors, reactors, transformers • Residual Flux compensation available

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