

Eaton Series G Circuit Breakers

		GE				GJ				GL				GN				GR	
																			
Ampere Range		16 – 160 A				15 – 250 A				100 – 630 A				400 – 1250 A				800 – 2500 A	
Breaker Type		GEB	GEE	GES	GEH	GJE	GJS	GJH	GJC	GLE	GLS	GLH	GLC	GNS	GNH	GNC	GNS	GRH	GRC
Breaker Capacity (kA rms) ac 50 – 60 Hz																			
NEMA® IEC 60947-2	240 Vac	25	25	35	85	85	100	100	65	85	100	200	65	85	100	200	65	100	200
	480 Vac	—	18	25	—	35	—	65	25	35	65	100	35	50	65	100	50	65	100
	600 Vac	—	—	18	22	22	30	25	18	25	35	50	18	25	35	50	25	35	50
	220 – 240 Vac	I _{cu}	25	25	35	85	85	100	65	85	100	200	65	85	100	200	85	135	200
		I _{cs}	25	25	35	43	43	50	65	85	100	150	65	85	100	150	85	100	100
	380 – 415 Vac	I _{cu}	—	18	25	—	40	—	25	40	70	100	35	50	70	100	50	70	100
660 – 690 Vac		I _{cs}	—	18	25	—	30	—	25	40	70	75	35	50	70	75	50	50	50
		I _{cu}	—	—	3	—	4	—	12	12	14	20	12	20	25	35	20	25	35
		I _{cs}	—	—	3	—	3	—	6	6	7	10	6	10	13	18	10	13	18
	250 Vdc (2 poles in series)	I _{cu}	10	10	10	35	35	42	10	35	42	42	22	22	42	42	—	—	—
		I _{cs}	10	10	10	35	35	42	10	35	42	42	22	22	42	42	—	—	—
		I _{cs}	10	10	10	35	35	42	10	35	42	42	22	22	42	42	—	—	—
Number of Poles		1, 2, 3, 4				1, 2, 3, 4				3, 4				2, 3, 4				3, 4	
Thermal Magnetic		Fixed				Adjustable				Adjustable				—				—	
Electronic rms (Not suitable for dc application. 4-pole ground fault not available.)		—				—				—				—				—	
Interchangeable Trip		—				—				—				—				—	
Dimensions — (mm)		H W D				H W D				H W D				H W D				H W D	
1-Pole		(139.7)				(177.8)				(258.0)				(406.0)				(406.0)	
2-Pole		(139.7)				(177.8)				(258.0)				(406.0)				(406.0)	
3-Pole		(139.7)				(177.8)				(258.0)				(406.0)				(406.0)	
4-Pole		(139.7)				(177.8)				(258.0)				(406.0)				(406.0)	
Weight (Approximate) — (kgs.)		1-Pole (0.5)				2-Pole (0.9)				3-Pole (5.2)				4-Pole (9.1)				3-Pole (47.0)	
Utilization Category		A				A				A				A				A	

Molded Case Switches											
3-Pole / 4-Pole		3-Pole		3-Pole / 4-Pole		3-Pole / 4-Pole		3-Pole / 4-Pole		3-Pole / 4-Pole	
Motor Circuit Protectors											
		GE Frame — 600V/347 Vac Maximum, 250 Vdc Maximum		GJ Frame — 600 Vac Maximum, 250 Vdc Maximum		GL Frame — 600 Vac Maximum, 250 Vdc Maximum		GN Frame — 600 Vac Maximum		GR Frame — 600 Vac Maximum	
		Continuous Amperes		Continuous Amperes		Continuous Amperes		Continuous Amperes		Continuous Amperes	
		Magnetic Range (Amperes)		Magnetic Range (Amperes)		Magnetic Range (Amperes)		Magnetic Range (Amperes)		Magnetic Range (Amperes)	
		3 – 100		250		600		800 – 1200		1600 – 9600	
		9 – 1500		500 – 2500		1125 – 6000		1600 – 9600		—	

Terminals — Note: GE, GJ, GL MCCBs come with Cu/Al standard terminals.																			
Terminal Body Material		Steel				Aluminum				Aluminum				Aluminum				Aluminum	
Wire Type		Cu/Al				Cu/Al				Cu/Al				Cu/Al				Cu/Al	
Metric Wire Range mm ²		2.5 – 95				2.5 – 50				16 – 70				35 – 120				35 – 300	
AWG Wire Range		#14 – 3/0				#14 – 1/0				#6 – 3/0				#3 – 250				1600 – 2000A	
AWG Wire Number of Conductors		1				1				1				2				2500A	
Catalog Number		—				—				—				—				—	
Catalog Number (Package of 3 Terminals)		3T125EF				3TA125EF				3TA150EF				3TA160EFK				—	
Catalog Number (Package of 4 Terminals)		—				—				—				—				—	

Maximum NEMA ratings: GE—125 amperes, GL—600 amperes, GN—1200 amperes.

600V/347

Cutler-Hammer is a federally registered trademark of Eaton Corporation.

Accessories

Field Fit Internal Accessories	Pole Location	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Shunt Trip — Standard	Left	SNT120CPK	SNT120CPK	SNT120CPK	SNT15P11K	*
240 Vac	Left	SNT1200PK	SNT1200PK	SNT1200PK	SNT15P11K	*
24 Vdc — 60 Vdc	Left	SNT060CPK	SNT060CPK	SNT060CPK	SNT15P03K	*
48 Vdc	Left	SNT060CPK	SNT060CPK	SNT060CPK	SNT15P23K	*
800 – 600 Vac	Left	SNT480APK	SNT480APK	SNT480APK	—	—
220 – 250 Vdc or 380 – 440 Vdc	—	—	—	—	SNT5LP14K	SNT6P14K
480 – 600 Vac	—	—	—	—	SNT5LP18K	SNT6P18K
Undervoltage Release Mechanism	Left	UVR120APK	UVR120APK	UVR120APK	UVH5LP08K	*
120 Vac	Left	UVR240APK	UVR240APK	UVR240APK	UVH5LP11K	*
208 – 240 Vac	Left	UVR024CPK	UVR024CPK	UVR024CPK	UVH5LP21K	*
24 Vdc, Vac	Left	UVR048DPK	UVR048DPK	UVR048DPK	UVH5LP23K	*
48 Vdc, Vac	Left	UVR012CPK	UVR012CPK	UVR012CPK	—	—
12 Vdc, Vac	Left	UVR048APK	UVR048APK	UVR048APK	—	—
48 Vac	Left	UVR125DPK	UVR125DPK	UVR125DPK	—	—
120 Vdc	Left	UVR250DPK	UVR250DPK	UVR250DPK	—	—
220 – 250 Vdc	Left	UVR480APK	UVR480APK	UVR480APK	—	—
380 – 500 Vac	Left	UVR600APK	UVR600APK	UVR600APK	—	—
525 – 600 Vac	Left	UVR600APK	UVR600APK	UVR600APK	—	—

* Right pole mount available.

Plug-in Blocks	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Poles	3 4	3 4	3 4	—	—
Catalog Number	PAD3E PAD4E	PAD3J PAD4J	PAD3L PAD4L	—	—
Trip-on Drawout Interlock Kit	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Poles	3 4	3 4	3 4	—	—
Catalog Number	PIL3E PIL4E	PIL3J PIL4J	PIL3L PIL4L	—	—

Rear Connecting Studs	Fit Type	E125 Frame	J250 Frame	L630 Frame	N Frame	R Frame
Field Fitted	Field Fitted	—	—	—	—	—

Lock-offs and Interlocks	Fit Type	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Non-Padlockable Handle Block	Field Fitted	EFHIB	FJPHIB	LPHIB	LKD4	—
Padlockable Handle Block	Field Fitted	EPHIBOFF	FJPHIBOFF	LPHIBOFF	—	—
Padlockable Handle Lock Hasp	Field Fitted	EPHIBLOFF	FJPHIBLOFF	LPHIBLOFF	—	—
Key Interlock Kit (Provision Only)	Field Fitted	—	KYKFJ	KYKL	KYK4	KYK6
Slide Bar Interlock — Requires 2 Breakers	Field Fitted	68C6304G01	FJSB1	SBK13/SBK14	SBK5	—
Walking Beam Interlock — Requires 2 Breakers	Factory Fitted	—	FJWB1	WBL13630/WBL14630	—	—

Electrical Operator						
Voltage	E125 Frame	J250 Frame	L630 Frame	N Frame	R Frame	
120 Vac	EOPEF240C	EOPFJ240C	EOPLG240C	EOPS707	EOPT608	
240 Vac	EOPEF240C	EOPFJ240C	EOPLG240C	EOPT511	EOPT611	
380 Vac	—	—	—	—	—	
24 Vdc	EOPEF24D	EOPFJ24D	EOPLG24D	EOPT521	EOPT619K	
48 Vdc	EOPEF48D	EOPFJ48D	EOPLG48D	EOPT572	EOPT621K	
125 Vdc	EOPEF240C	EOPFJ240C	EOPLG240C	EOPT526	—	