

Eaton Series G Circuit Breakers

		GE								GJ				GL				GN				GR																
																																						
Ampere Range		16 – 160 A 								15 – 250 A				100 – 630 A 				400 – 1250 A 				1600 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®	240 Vac		25	25	35	85	85	100	100	65	85	100	200	65	85	100	200	65	100	200	—					125	200											
	480 Vac		—	18	25	—	35	—	65	25	35	65	100	35	50	65	100	50	65	100	—					65	100											
	600 Vac		—	—	18 	22 	22 	30 	25 	18	25	35	50	18	25	35	50	25	35	50	—					50	65											
	220 – 240 Vac	I _{cu}	25	25	35	85	85	100	100	65	85	100	200	65	85	100	200	85	100	200	85	135	200															
		I _{cs}	25	25	35	43	43	50	50	65	85	100	150	65	85	100	150	85	100	100	85	100	100															
	380 – 415 Vac	I _{cu}	—	18	25	—	40	—	70	25	40	70	100	35	50	70	100	50	70	100	50	70	100															
I _{cs}		—	18	25	—	30	—	35	25	40	70	75	35	50	70	75	50	50	50	50	50	50																
660 – 690 Vac	I _{cu}	—	—	3	—	4	—	6	12	12	14	20	12	20	25	35	20	25	35	20	25	35																
	I _{cs}	—	—	3	—	3	—	3	6	6	7	10	6	10	13	18	10	13	18	10	13	18																
250 Vdc (2 poles in series.)	I _{cu}	10	10	10	35	35	42	42	10	35	42	42	22	22	42	42	—	—	—	—	—	—																
	I _{cs}	10	10	10	35	35	42	42	10	35	42	42	22	22	42	42	—	—	—	—	—	—																
Number of Poles		1	2, 3, 4	2, 3, 4	1	2, 3, 4	1	2, 3, 4	2, 3, 4				3, 4				2, 3, 4				3				3, 4													
Thermal Magnetic		Fixed Thermal	■							■				■				■				■																
		Adjustable Thermal	■							■				■				■				■																
		Magnetic	Fixed							Adjustable				Adjustable				Adjustable				Adjustable																
Electronic rms (Not suitable for dc application, 4-pole ground fault not available.)		LI	—							—				—				—				—																
		LS	—							■				■				■				■																
		LSI	—							■				■				■				■																
		LIG	—							■				■				■				■																
		LSG	—							■				■				■				■																
		LSIG	—							■				■				■				■																
Interchangeable Trip		—							—				—				—				—																	
Dimensions — (mm)		H	(139.7)		W		D		(76.0)		H	(177.8)		W		(87.4)		H	(258.0)		W		(104.0)		H	(406.0)		W		(140.0)		H	(406.0)		W		(229.0)	
		(25.4)			(50.8)	(76.2)			(105.0)	(135.6)	(140.0)			(210.0)	(394.0)																							
		(101.6)			(135.6)	(183.0)			(280.0)	(508.0)																												
		1-Pole			2-Pole	3-Pole			4-Pole	2-Pole	3-Pole			4-Pole	3-Pole			4-Pole			3-Pole	4-Pole			3-Pole			4-Pole										
			(0.5)	(0.9)	(1.4)	(1.8)	(5.2)	(5.2)	(7.0)	(7.3)		(9.1)	(21.3)	(28.3)	(47.0)	(54.0)																						
Weight (Approximate) — (kgs.)		1-Pole (0.5)		2-Pole (0.9)		3-Pole (1.4)		4-Pole (1.8)		2-Pole (5.2)		3-Pole (5.2)		4-Pole (7.0)		3-Pole (7.3)		4-Pole (9.1)		3-Pole (21.3)		4-Pole (28.3)		3-Pole (47.0)		4-Pole (54.0)												
Utilization Category		A								A				A				A				A																

Accessories

Field Fit Internal Accessories		Pole Location	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Shunt Trip – Standard	120 Vac – 12 Vdc	Left	SN1T20CPK	SN1T20CPK	SN1T20CPK	SN1TSLP11K	*
	240 Vac	Left	SN1T200PK	SN1T200PK	SN1T200PK	SN1TSLP11K	*
	24 Vdc – 60 Vdc	Left	SN1T060CPK	SN1T060CPK	SN1T060CPK	SN1TSLP03K	*
	48 Vdc	Left	SN1T060CPK	SN1T060CPK	SN1T060CPK	SN1TSLP23K	*
	380 – 600 Vac	Left	SN1T480APK	SN1T480APK	SN1T480APK	–	–
	220 – 250 Vdc or 380 – 440 Vac	–	–	–	–	SN1TSLP14K	SN1T6P18K
	480 – 600 Vac	–	–	–	–	SN1TSLP18K	SN1T6P18K
Undervoltage Release Mechanism	120 Vac	Left	UVR120APK	UVR120APK	UVR120APK	UVHSLP08K	*
	208 – 240 Vac	Left	UVR240APK	UVR240APK	UVR240APK	UVHSLP11K	*
	24 Vdc, Vac	Left	UVR024CPK	UVR024CPK	UVR024CPK	UVHSLP21K	*
	48 Vdc	Left	UVR048CPK	UVR048CPK	UVR048CPK	UVHSLP23K	*
	12 Vdc, Vac	Left	UVR012CPK	UVR012CPK	UVR012CPK	–	–
	48 Vdc	Left	UVR048APK	UVR048APK	UVR048APK	–	–
	120 Vdc	Left	UVR125DPK	UVR125DPK	UVR125DPK	–	–
	220 – 250 Vdc	Left	UVR250DPK	UVR250DPK	UVR250DPK	–	–
	380 – 500 Vac	Left	UVR480APK	UVR480APK	UVR480APK	–	–
525 – 600 Vac	Left	UVR600APK	UVR600APK	UVR600APK	–	–	

Field Fit Internal Accessories		Pole Location	GLME Frame	GLMB Frame	GL FM Frame	GLSP Frame	GLRM Frame
Alarm Lockout	Make/Break	Right	ALMBEPK	ALMBEPK	ALMBEPK	AL15BPK*	AL16BPK
	2 Make / 2 Break	Right	ALM2MBEPK	ALM2MBEPK	ALM2MBEPK	A215BPK*	A216BPK
Auxiliary Switch	1A, 1B	Right	AUX1A1BPK	AUX1A1BPK	AUX2A2BPK	A1X5BPK*	—
	2A, 2B	Right	AUX2A2BPK	AUX2A2BPK	AUX2A2BPK	A2X5BPK*	A2X5BPK
	3A, 3B	Right	—	—	—	A3X5BPK*	—
	4A, 4B	Right	—	—	—	A4X5BPK*	—
Auxiliary Switch / Alarm Lockout		Right	AUXALMBEPK	AUXALMBEPK	AUXALMBEPK	AA115BPK*	—

Handle Mechanisms					
Universal Direct Ordering Information — Close Coupled	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
White Handle Color with Interlock Catalog Number	EHMCCBI	JHMCCBI	LHMCCBI	—	—
White Handle Color without Interlock Catalog Number	EHMCCB	JHMCCB	LHMCCB	—	—
Red Handle Color without Interlock Catalog Number	EHMCCR	JHMCCR	LHMCCR	—	—

Flex Shaft						
Feet (Meters)	G Frame	GJ Frame	GL Frame	GN Frame	GR Frame	
3 (1.91)	EHHMF5031	JHMF5031	—	—	—	—
4 (1.22)	EHHMF5041	JHMF5041	LHMF5041	FSS04CI	FSS04	—
5 (1.52)	EHHMF5051	JHMF5051	—	FSS05CI	FSS05	—
6 (1.83)	EHHMF5061	JHMF5061	—	FSS06CI	FSS06	—
7 (2.13)	EHHMF5071	JHMF5071	LHMF5071	—	—	—
8 (2.44)	EHHMF5081	JHMF5081	—	—	—	—
9 (2.74)	EHHMF5091	JHMF5091	—	—	—	—
10 (3.05)	EHHMF5101	JHMF5101	LHMF5101	FSS10CI	—	—

Lock-offs and Interlocks	Fit Type	GE Frame	GJ Frame	GL Frame	GN Frame	GR Frame
Non-Padlockable Handle Block	Field Fitted	EPH8	FJPH8OFF	LBP8OFF	LKDA	
Padlockable Handle Block	Field Fitted	EPH8OFF	FJPH8OFF	LBP8OFF		
Padlockable Handle Block	Field Fitted	EPH8OFF	FJPH8OFF	LBP8	PLK5	HLK6
Key Interlock Kit (Provision Only)	Field Fitted		KJWFJ	KWFL	KTK4	KYK6
Slide Bar Interlock – Requires 2 Breakers	Field Fitted	68CS04DG1	FJSD8	SDK13/SDK14	SDK5	
Field Break Interlock – Requires 2 Breakers	Factory Fitted		FJWB1	WB130/301 WB146/60		

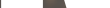
Electrical Operator					
Voltage	E125 Frame	J250 Frame	L630 Frame	N Frame	R Frame
120 Vac	EOPF240C	EOPFJ240C	EOPLG240C	EOP5T07	EOP6T08
240 Vac	EOPF240C	EOPFJ240C	EOPLG240C	EOP5T11	EOP6T11
380 Vac	—	—	—	—	—
24 Vdc	EOPF24D	EOPFJ24D	EOPLG24D	EOP5T21	EOP6T19K
48 Vdc	EOPF48D	EOPFJ48D	EOPLG48D	EOP5T22	EOP6T21K
125 Vdc	EOPF240C	EOPFJ240C	EOPLG240C	EOP5T26	—

Terminal Accessories		GE		GJ		GL		GN		GR	
Multiwire Connectors	Maximum Amperes	125		250		—		—		—	
	Wires per Terminal	3 6		3 6		—		—		—	
	Wire Size Range AWG Cu	14 – 2 14 – 6		14 – 2 14 – 6		—		—		—	
	Kit Catalog Number*	3TA125E3K 3TA125E6K		3TA250J3 3TA250J6		—		—		—	
Control Wire Terminal Kit		EFCWTR (Package of 12)		FJCWTK (Package of 14)		—		—		—	
End Caps		3-Pole EFBRTWK, 4-Pole EFBRTWK		3-Pole FJ3RTWK, 4-Pole FJ4RTWK		3-Pole L3RTWK, 4-Pole L4RTWK		—		—	
Terminal Shields		3-Pole EFTS3K, 4-Pole EFTS4K		3-Pole FJT3SK, 4-Pole FJT4SK		3-Pole LTS3K, 4-Pole LTS4K		—		—	
Interphase Barriers		EIPBK (Package of 2)		3-Pole FJIABK, 4-Pole FJIIPBK4		—		—		IPB5	

Handy Mechanisms / Universal Rotary															
Universal Rotary Ordering Information															
Shaft Length — inches (mm)		GE Frame			GJ Frame			GL Frame			GN Frame			GR Frame	
		6.00 (152.4)	12.00 (304.8)	24.00 (609.6)	6.00 (152.4)	12.00 (304.8)	24.00 (609.6)	6.00 (152.4)	12.00 (304.8)	24.00 (609.6)	6.00 (152.4)	12.00 (304.8)	16.00 (406.4)		24.00 (609.6)
Handle Color		Black or Red	Black or Red	Black or Red	Black or Red	Black or Red	Black or Red	Black or Red	Black or Red	Black or Red	Black	Black	Black	Black	
Complete Catalog Number		EHMVD06(BaR)	EHMVD12(BaR)	EHMVD24(BaR)	FJHMD06(BaR)	FJHMD12(BaR)	FJHMD24(BaR)	KLHMD06(BaR)	KLHMD12(BaR)	KLHMD24(BaR)	HMVD5B	—	—	HMVD8B	
Cutler-Hammer Rotary		—	—	—	—	—	—	—	—	—	—	—	—	—	
Complete Catalog Number		—	—	—	—	—	—	—	—	—	—	—	—	—	
IEC IP65		—	—	—	—	—	—	—	—	—	—	WHSR508	WHSR512	WHSR516	WHSR524
IEC IP66		—	—	—	—	—	—	—	—	—	—	WHSR606	WHSR612X	WHSR616X	WHSR624X

Standards

Eaton Molded Case Circuit Breakers are designed to conform with the following international standards:



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