

SIEMENS



Molded Case Circuit Breaker

Series connected short circuit ratings
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Series connected short circuit ratings

The term “Series Connected Short Circuit Rating” refers to the application of series circuit breakers in a combination that allows downstream breakers to have lower individual interrupting ratings than the available fault current. This is permitted as long as the series combination has been tested and certified by UL. The Tables on these pages list specific main and branch breaker combinations that may be used for the short circuit interrupting ratings shown. No substitutions are permitted. All combinations shown have been tested and are UL Recognized. This information is a subset of the complete list of tested series ratings and is provided as a reference tool only. Please reference UL File DKS2.E10848. For historical ratings, please consult Siemens.

The interrupting rating of a circuit breaker is 5,000 rms symmetrical amperes and for a fused switch 10,000 rms symmetrical amperes, or as marked on the device, except for the series combination ratings shown on the following pages. Note: A load side circuit breaker may be a branch, submain, an integral main, or a remote main. The series combination interrupting rating shall not exceed that of the line side circuit breaker or fused switch or the marked short circuit rating indicated on the equipment.

For verification of specific combination ratings, consult the UL Recognized Components Directory.

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Series connected short circuit ratings 240V breaker

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
22,000	70	QPH, BQH, BLH 70 (1P)		1	15-70	120/240
			QP, BQ, BL	2	15-125	240
				3	15-100	240
	125	125 (2P)	QE, BLE, QPF, BLF	2	15-60	120/240
			QE, BE, BLE, QE2, BLE2, QPF, BQF, BLF QPF2, QPF2N, BLF2	1	15-30	120
	100	100 (3P)	QG, BG, BLG	1, 2	15-30	120/240
			BAF, QAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QTA, QTAN	1	15-20	120
			BAF, QAF, QAFN	2	15-20	120/240
			QT	1, 2	15-50	120/240
			BT	1	15-20	120/240
	125	EQ868# (2P)	BT	1	15-20	120/240
			QAF, BAF, QAF2, BAF2, QAF2N, QFGA2, BFGA2, QFGA2N, QTA, QTAN	1	15-20	120
			QAF, BAF, QAFN	2	15-20	120/240
			QPF, BLF, BQF, QE, BE, BLE, QPF2, BLF2, QPF2N, QE2, BLE2	1	15-30	120
			QG, BG, BLG	1, 2	15-30	120/240
QPF, BLF, QE, BE, BLE			2	15-60	120/240	
QT			1, 2	15-50	120/240	
			1	15-70	120/240	
			2	15-125	120/240	
125			EQ967# (2P)	BT	1	15-20
	QAF, BAF, QAF2, BAF2, QAF2N, QFGA2, BFGA2, QFGA2N, QTA, QTAN	1		15-20	120	
	QAF, BAF, QAFN	2		15-20	120/240	
	QPF, BLF, BQF, QE, BE, BLE, QPF2, BLF2, QPF2N, QE2, BLE2	1		15-30	120	
	QPF, BLF, QE, BE, BLE	2		15-60	120/240	
	QT	1, 2		15-50	120/240	
		1		15-70	120/240	
		2		15-125	120/240	

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
200	QNH, QNRH (2P)		QE, BE, BLE, QE2, BLE2, QPF, BQF, BLF QPF2, QPF2N, BLF2	15-30	15-30	120			
			QE, BE, BLE, QPF, BLF	2	15-60	120/240			
			BAF, QAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QTA, QTAN	1	15-20	120			
			BAF, QAF, QAFN	2	15-20	120/240			
			QP, BQ, BL	1	15-70	120/240			
				2	15-125	120/240			
			QPP	2	125-200	120/240			
			QT	1, 2	15-50	120/240			
			BT	1	15-20	120/240			
			22,000	EQ968# (2P)		BT	1	15-20	120/240
						QAF, BAF, QAF2, BAF2, QAF2N, QFGA2, BFGA2, QFGA2N, QTA, QTAN	1	15-20	120
						QAF, BAF, QAFN	2	15-20	120/240
						QPF, BLF, BQF, QE, BE, BLE, QPF2, BLF2, QPF2N, QE2, BLE2	1	15-30	120
QPF, BLF, QE, BE, BLE	2	15-60				120/240			
QT	1, 2	15-50				120/240			
QP, BQ, BL	1	15-70				120/240			
	2	15-125				120/240			
	1	15-70				120/240			
	2	15-125				240			
	3	60-100	240						
225	QJH2 (2, 3P)		QPH, BQF, BLF, BG, BLG, QE, BE, BLE, QPF2, BLF2	1	15-30	120			
			QPF, BLF, BG, BLG, QE, BE, BLE	2	15-60	120/240			
			BAF, QAF, QAF2, BAF2	1	15-20	120			
			BAF, QAF	2	15-20	120/240			
			QT	1, 2	15, 20, 40	120/240			
			QR2	2, 3	100-225	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
22,000	225	EQ869# (2P)	BT	1	15-20	120/240
			QAF, BAF, QAF2, BAF2, QAF2N, QFGA2, BFGA2, QFGA2N, QTA, QTAN	1	15-20	120
			QAF, BAF, QAFN	2	15-20	120/240
			QPF, BLF, BQF, QE, BE, BLE, QPF2, BLF2, QPF2N, QE2, BLE2	1	15-30	120
			QG, BG, BLG	1, 2	15-30	120/240
			QPF, BLF, QE, BE, BLE	2	15-60	120/240
			QT	1, 2	15-50	120/240
			QP, BQ, BL	1	15-70	120/240
				2	15-125	120/240
			BT	1	15-20	120/240
			QAF, BAF, QAF2, BAF2, QAF2N, QFGA2, BFGA2, QFGA2N, QTA, QTAN	1	15-20	120
			QAF, BAF, QAFN	2	15-20	120/240
			QPF, BLF, BQF, QE, BE, BLE, QPF2, BLF2, QPF2N, QE2, BLE2	1	15-30	120
			QG, BG, BLG	1, 2	15-30	120/240
QPF, BLF, QE, BE, BLE	2	15-60	120/240			
QT	1, 2	15-50	120/240			
QP, BQ, BL	1	15-70	120/240			
	2	15-125	120/240			
225	QPPH (2P)	BT	1	15-20	120/240	
		QE, BE, BLE, QE2, BLE2, QPF, BQF, BLF QPF2, QPF2N, BLF2	1	15-30	120	
		QE, BE, BLE, QPF, BLF	2	15-60	120/240	
		BAF, QAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QTA, QTAN	1	15-20	120	
		BAF, QAF, QAFN	2	15-20	120/240	
		QPP	2	125-225	120/240	
		QT	1, 2	15-50	120/240	
		QP, BQ, BL	1	15-70	120/240	
			2	15-125	120/240	
		EQ948#	2	125-200	120/240	

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker				
	kAIR	Max Amps	Type	Type	P	Amps	Volts
22,000	225	QSH (2P)		QP, BQ, BL	1	15-70	120/240
					2	15-125	120/240
				QE, BE, BLE, QE2, BLE2, QPF, BQF, BLF QPF2, QPF2N, BLF2	1	15-30	120
				QE, BE, BLE, QPF, BLF	2	15-60	120/240
				BAF, QAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QTA, QTAN	1	15-20	120
				BAF, QAF, QAFN	2	15-20	120/240
				QPP	2	125-225	120/240
				QT	1, 2	15-50	120/240
				BT	1	15-20	120/240
					1	15-70	120/240
					2	15-125	240
					3	15-100	240
					1	15-30	120
					2	15-30	120/240
22,000	250	QRH2 (2, 3P)		QE, BE, BLE, QE2, BLE2, QPF, BQF, BLF QPF2, BLF2, QPF2N	1	15-30	120
				BT	1	15-20	120/240
				BAF, QAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QTA, QTAN	1	15-20	120
				BAF, QAF, QAFN	2	15-20	120/240
				QT	1, 2	15-50	120/240
				QPF, BLF, QE, BLE	2	15-60	120/240
				QN, QNR	2	150-200	120/240
				QS	2	100-225	120/240
				QR2	2	100-250	120/240
				EQ948#	2	125-225	120/240

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
42,000	225	QJ2H (2, 3P)	QP, BQ, BL	1	15-70	120/240		
				2	15-125	120/240		
				3	60-100	240		
			QPH, BQH, BLH	1	15-70	120/240		
				2	15-125	120/240		
				3	15-100	240		
	225	QSHH (2P)	QR2, QRH2	2, 3	100-225	240		
				2, 3	60-225	240		
				QJH2	2, 3	60-225	240	
			QPF2N, QE2, BLE2		1	15-30	120	
					1	15-20	120	
				2	15-20	120/240		
65,000	70 (1P) 125 (2P) 100 (3P)	HQP, HBQ, HBL	BT, BTH	1	15-20	120/240		
				1, 2	15-30	120/240		
				1, 2	15-30	120/240		
			QAF2N, QF2N, QAF, BAF, QAF2, BAF2, QAFH2, BAFH2, QF2, BLF2, QPHF2, BLHF2, QPF, BLF, QPF2, BLF2, QPHF2, BLHF2, QE2, QEH2, BLE2, BLEH2	1	15-30	120		
				2	15-60	120/240		
					15-50	120/240		
	125 (2P)	HQP, HBQ, HBL	EQ967#	QAF, BAF, QAFN	2	15-20	120/240	
					BAF, QAF, BQAF, QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
						2	15-20	120/240
				QAF, BAF, QAFN		2	100-125	120/240

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
65,000	150	NDGB (2P,3P)	QPH, BQH, BLH	1	15-70	120/240		
				2	15-125	120/240		
				3	15-100	240		
	200	HQN, HQNR (2P)	QPF2N, QE2, BLE2, BLE2, BLEH2 QAF2N, QFGA2N, QTA, QTAN QAFN BT, BTH EQ868# EQ967# EQ869#, EQ968#	1	15-30	120		
				1	15-20	120		
				2	15-20	120/240		
				1	15-20	120/240		
				2	100	120/240		
				2	100-125	120/240		
				2	150-200	120/240		
	225	HQPP (2P)	QP, BQ, BL, QPH, BQH, BLH QPF, BQF, BLF, QPHF, BQHF, BLHF, QEH, BLEH, QE, BLE, BE, BLF2, QPF2, QPF2N, QFGA2, BFGA2 QFP, BLF, QPHF, BLHF, QE, BLE, QEH, BLEH BAF, QAF, BQAF, QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2 QAF, QAFN, BAF, QAFH, BAFH QT QPPH, QPP	1	15-70	120/240		
				2	15-125	120/240		
1				15-30	120/240			
2				15-60	120/240			
1				15-20	120			
2				15-20	120/240			
1, 2				15-40	120			
2				125-225	120/240			
225				HQS (2P)	QPF2N, QE2, BLE2, QE2, BLEH2 QAF2N, QFGA2N, QTA, QTAN QAFN BT, BTH	1	15-30	120
						1	15-20	120
	2	15-20	120/240					
	1	15-20	120/240					

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
65,000	250	FD6-A, FXD6-A (2, 3P)	QP, BQ, BL	1	15-70	120/240		
			QPH, BQH, BLH	2	15-125	120/240		
				3	15-100	240		
			QPF, QPHF, BLF, BLHF	2	15-60	120/240		
			QPF2, QPF2N, BLF2, BLHF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120/240		
			QAF, BAF, QAF2, QAF2N, BAF2, BQAF, QAFH2, BAFH2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120		
			QAF, QAFN, BAF, QAFH, BAFH	2	15-20	120/240		
			BT, BTH	1	15-20	120/240		
			QR2, QRH2	2, 3	100-225	240		
			QJ2H, QJ2, QJH2	2, 3	60-225	240		
			QPPH	2	125-225	120/240		
			EQ868#	2	100-125	120/240		
			EQ869#	2	150-225	120/240		
			250	NFGB (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
						2	15-125	120/240
						3	15-100	240
					QR2, QRH2	2, 3	100-250	240
QP, BQ, BL	1	15-70			120/240			
	2	15-125			120/240			
	3	15-100			240			
QT	1, 2	15-50			120/240			
BT, BTH	1	15-20			120/240			
QAF, BAF, QAF2, QAF2N, BAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QAFH2, BAFH2, QAFH, BAFH, QTA, QTAN	1	15-20			120			
QAF, BAF, QAFN	2	15-20	120/240					
250	HQR2 (2, 3P)	QPF2, QPF2N, BLF2, QPF, BQF, BLF, QE, BLE, BE, QPHF, BLHF, QPHF2, BLHF2, QEH, BLEH, QE2, QEH2, BLE2, BLEH2	1	15-30	120			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker				
	Max Amps	Type	Type	P	Amps	Volts	
65,000	250	HQR2 (2, 3P) (continued)	QPF, BLF, QE, BLE	2	15-60	120/240	
			QPH, BQH, BLH	1	15-70	120/240	
			QPH, BQH, BLH	2	15-125	120/240	
			QPH, BQH, BLH	3	15-100	240	
			QAFH, BAFH	2	15-20	120/240	
			QEH, BLEH, QPHF, BLHF	2	15-60	120/240	
			QN, QNH, QNR, QNRH	2	150-200	120/240	
			QS, QSH, QSHH	2	100-225	120/240	
	QR2, QRH2	2, 3	100-250	240			
	400	XJD2-A, JD6-A XJD6-A (2, 3P)	QPH, BQH, BLH	1	15-70	120/240	
			QPH, BQH, BLH	2	15-125	120/240	
			QPH, BQH, BLH	3	15-100	240	
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, BFGA2, QFGAH2, QFGA2N, BFGAH2, QTA, QTAN	1	15-20	120	
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120	
			QR2, QRH2	2, 3	100-250	240	
QJ2H, QJH2			2, 3	60-225	240		
BT, BTH			1	15-20	120/240		
400			NJGA, NJJA (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
				QPH, BQH, BLH	2	15-125	120/240
	QPH, BQH, BLH	3		15-100	240		
	QR2, QRH2	2, 3		100-250	240		
	QN, QNH	2		150-200	120/240		
	QNR, QNRH	2		150-200	120/240		
BT, BTH	1	15-20	120/240				
400	HJGA (2, 3P)	BT, BTH	1	15-20	120/240		

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
65,000	400	SJD6-B (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, BFGA2, QFGAH2, QFGA2N, BFGAH2, QTA, QTAN BT, BTH	1	15-20	120
				1	15-20	120/240
				1	15-30	120
	400	HJD6-A, HJXD6 (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, BFGA2, QFGAH2, QFGA2N, BFGAH2, QTA, QTAN QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-20	120
				1	15-30	120
				1	15-30	120
600	LD6-A, LXD6-A (2, 3P)	QPH, BQH, BLH	1	15-70	120/240	
			2	15-125	120/240	
			3	15-100	240	
		QR2, QRH2 QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2 QJ2H, QJH2	2, 3	100-250	240	
			1	15-20	120	
			1	15-30	120	
2, 3	60-225	240				

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
600	NLGB (2, 3P)		QPH, BQH, BLH	1	15-70	120/240			
				2	15-125	120/240			
				3	15-100	240			
			QR2, QRH2	2, 3	100-250	240			
				QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120		
					QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120	
			2			150-200	120/240		
			QN, QNH	2	150-200	120/240			
			QNR, QNRH	2	150-200	120/240			
			65,000	600	SLD6-B (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
2	15-125	120/240							
3	15-100	240							
QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20				120			
	QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1				15-30	120		
		2				100-225	120/240		
QS, QSH, QSHH	2	100-225				120/240			
QR2, QRH2	2, 3	100-250				240			
600	HLD6-A, HLXD6-A (2, 3P)					QPH	1	15-70	120/240
							2	15-125	120/240
			3	15-100	240				
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120			
				QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120		

**Series connected short circuit ratings
240V breaker (continued)**

Series rating	Main breaker		Branch breaker				
	Max Amps	Type	Type	P	Amps	Volts	
800	MD6, MXD6 (2, 3P)			1	15-70	120/240	
			QPH, BQH, BLH	2	15-125	120/240	
				3	15-100	240	
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120	
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120	
			QR2, QRH2	2, 3	100-250	240	
	800	NMG, HMG (2, 3P)			1	15-70	120/240
				QPH, BQH, BLH	2	15-125	120/240
					3	15-100	240
				QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
				QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
				QR2, QRH2	2, 3	100-250	240
65,000			QN, QNH	2	150-200	120/240	
			QNR, QNRH	2	150-200	120/240	
800	SMD6-B (3P)			1	15-70	120/240	
			QPH, BQH, BLH	2	15-125	120/240	
				3	15-100	240	
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120	
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120	
			QS, QSH, QSHH	2	100-225	120/240	
			QR2, QRH2	2, 3	100-250	240	
			800	HMxD6, HMD6 (2, 3P)		QPH	1
	2	15-125				120/240	
	3	15-100				240	
QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20				120	
QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30				120	

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
65,000	1200	ND6, NXD (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QR2, QRH2	2, 3	100-250	240
	1200	NNG, HNG (2, 3P)	QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QR2, QRH2	2, 3	100-250	240
		QN, QNH	2	150-200	120/240	
		QNR, QNRH	2	150-200	120/240	
	1200	SND6-B (3P)	QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
QPF2, BLF2, QPHF2, BLHF2, QPF2N, QE2, BLE2, QEH2, BLEH2			1	15-30	120	
QN, QNR, QNH, QNRH			2	150-200	120/240	
	QS, QSH, QSHH	2	100-225	120/240		
	QR2, QRH2	2, 3	100-250	240		
1200	SHND6-B (3P)	QAF2N, QFGA2N, QTA, QTAN	1	15-20	120	
		QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120	

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
	1200	HND6, HNXD6 (2, 3P)	QPH	1	15-70	120/240			
				2	15-125	120/240			
				3	15-100	240			
			1	15-20	120				
			1	15-30	120				
	1600	PD6, PXD6, SPD6, SPD6-B (2, 3P)	QPH, BQH, BLH	1	15-70	120/240			
				2	15-125	120/240			
				3	15-100	70			
				2	150-200	120/240			
				2	100-225	120/240			
65,000	1600	NPG (2, 3P)	QPH, BQH, BLH	1	15-70	120/240			
				2	15-125	120/240			
				3	15-100	240			
			2, 3	100-250	240				
			2	150-200	120/240				
	1600	HPD6, HPXD6	QPH	1	15-70	120/240			
				2	15-125	120/240			
				2000	HRD6, HRXD6 (2, 3P)	QPH	1	15-70	120/240
							2	15-125	120/240
							3	15-100	240
2000	RD6, RXD6 (2, 3P)	QPH, BQH, BLH	2, 3	100-250	240				
			1	15-70	120/240				
		QPH, BQH, BLH	2	15-125	120/240				
			3	15-100	240				

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
125	MEAS, MEAB (3VA) (2, 3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			SEAS, SEAB (3VA)	1,2,3	15-125	120/240
			QP, BQ, BL, QPH, BQH, BLH	1	15-70	120/240
				2	15-125	120/240
			QPF, BLF, QPHF, BLHF, QE, BLE, QEH, BLEH	2	15-60	120/240
			BT, BTH	1	15-20	120/240
			85,000	MFAS (3VA) (2, 3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN
QAF, BAF, QAFN, QAFH, BAFH	2	15-20				120/240
QT	1, 2	15-50				120/240
QPF2, BLF2, QPHF2, BLHF2, QP- F2N, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30				120
QPF, BLF, QE, BLE, QPHF, BLHF, QEH, BLEH	2	15-60				120/240
	1	15-70				120/240
QP, BL, BQ, QPH, BLH, BQH, HQP	2	15-125				240
	3	15-100				240
QN, QNR, QNH, QNRH	2	150-200				120/240
EQ868#	2	100-125				120/240
EQ948#	2	125-225				120/240
EQ869#	2	150-225				120/240
QPP, QPPH, HQPP	2	125-225				120/240

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
250		MFAS (3VA) (2, 3P) (continued)	QS, QSH, QSHH, HQS	2	100-225	120/240			
			QR2, QRH2, HQR2	2, 3	100-250	240			
			NGB, HGB, LGB	1,2,3	15-125	120/240			
			ED2	1,2,3	15-100	120/240			
			ED4	1	15-100	120			
			ED4, ED6	2, 3	15-125	240			
			FD6-A, FXD6-A	2, 3	70-250	240			
			NDGB	2, 3	50-150	240			
			NFGB	2, 3	100-250	240			
			SEAS, SEAB (3VA)	1,2,3	15-125	120/240			
			85,000		MJAS (3VA) (2, 3P)	QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BF- GAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
						QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
							1	15-70	120/240
QPH, BLH, BQH, HQP, HBL, HBQ	2	15-125				240			
	3	15-100				240			
BT, BTH	1	15-20				120/240			
QT	1, 2	15-50				120/240			
QN, QNR, QNRH, HQNR	2	150-200				120/240			
QS, QSH, QSHH, HQS	2	100-225				120/240			
QR2, QRH2, HQR2	2, 3	100-250				240			
ED4	1	15-100				120			
ED4, ED6	2, 3	15-125				240			
FD6-A, FXD6-A	2, 3	70-250				240			
400		MJAS (3VA) (2, 3P)	JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400	240			
			NDGB	2, 3	50-150	240			
			NFGB	2, 3	100-250	240			
			NJGA, NJJA	2,3	250-400	240			
			SEAS, SEAB (3VA)	1,2,3	15-125	120/240			

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
85,000	600	MLAS (3VA) (2, 3P)	QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
				1	15-70	120/240
			QPH, BLH, BQH, HQP, HBL, HBQ	2	15-125	240
				3	15-100	240
			BT, BTH	1	15-20	120/240
			QT	1, 2	15-50	120/240
			QS, QSH, QSHH, HQS	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			SLD6-B	3	450-600	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
SEAS, SEAB (3VA)	1,2,3	15-125	120/240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
85,000	800	MMAS (3VA) (2, 3P)	QAF2, BAF2, QAF2N, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGAH2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QFGA2N, QTA, QTAN	1	15-20	120
			QPF2, BLF2, QPHF2, BLHF2, QPF2N, HQPF2, HBLF2, HQFGA2, HBFGA2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QS, QSH, QSHH	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A	2, 3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			MD6, MXD6	2,3	500-800	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			NMG	2,3	600-800	240
			SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			100,000	100	HED4 (1P)	ED2, ED4
125	HQPH (2P)	QAF2N, QFGA2N, QTA, QTAN		1	15-20	120
		QAFN		2	15-20	120/240
		QPF2N, QE2, BLE2, QEH2, BLEH2		1	15-30	120

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
125	HED4, HED6 (2, 3P)		QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	1	15-70	120/240			
				2	15-125	240			
				3	15-100	240			
			QAF2, QAF2N, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120			
			QAF, BAF, QAFH, BAFH, QAFN	2	15-20	120/240			
			QE, BE, QEH, BLE, BLEH, QE2, BLE2, QEH2, BLEH2, QPHF, BQHF, BLHF, QPF, BLF, BQF, QPF2, BLF2, QPHF2, QPF2N, BLHF2, HQPF2, HBLF2	1	15-30	120			
			QT	1, 2	15-50	120/240			
			BT, BTH	1	15-20	120/240			
			QEH, BLEH, QPHF, QE, BLHF, QPF, BLF, BLE	2	15-60	120/240			
			ED2	1,2,3	15-100	120/240			
			ED4	1	15-100	120			
			ED4, ED6	2, 3	15-125	240			
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240			
			125	NGB, HGB, LGB (1, 2, 3P)		QAF2, QAF2N, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
						QAF, QAFN, BAF, QAFH, BAFH	2	15-20	120/240
						QPF, BQF, BLF, QPHF, BQHF, BLHF, QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120
						QPF, BLF	2	15-60	120/240

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
125	NGB, HGB, LGB (2, 3P)		QP, BQ, BL, QPH, BQH, BLH, HQP,	1	15-70	120
			HBQ, HBL	2	15-125	120/240
				3	15-100	240
			BT, BTH	1	15-20	120/240
125	HEAS (3VA) (2, 3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
150	HDGB (2, 3P)		ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			NDGB	2, 3	50-150	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
150	MDAE, HDAE (3VA)		QPF2, BLF2, QPF2N, QPHF2, BLHF2, HQPF2, HBLF2	1	15-30	120
			QAF2, BAF2, QAF2N, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGA2N, QFGAH2, BFGAH2, HQFGA2, HBFGA2	1	15-20	120
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			NDGB	2, 3	50-150	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240

100,000

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
100,000	225	HQPPH (2P)	QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	1	15-70	120/240		
			HQPP, QPPH, QPP	2	15-125	120/240		
			QAF2, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, BFGA2 HQFGA2, HBF- GA2, QFGAH2, BFGAH2	1	15-20	120		
			QAF, BAF, QAFH, BAFH	2	15-20	120/240		
			QEH, BLEH, QE, BE, QPHF, BQHF, BLHF, QPF, BQF, BLF, BLE, QPF2, BLF2, QPFH2, BLHF2, HQPF2, HBLF2	1	15-30	120		
			QE, QEH, BLEH, QPHF, BLHF, QPF, BLF, BLE	2	15-60	120/240		
			QR2, QRH2, HQR2	2	100-225	120/240		
			QT	1, 2	15-40	120/240		
							15-25	
						1	35-70	120/240
					QP, BP, QL	2	15-25	120/240
						3	35-125	240
							15-100	
					QR2, QRH2, HQR2	2, 3	100-225	240
						1	15-70	120/240
					QPH, BQH, BLH, HQP, HBQ, HBL	2	15-125	120/240
						3	15-100	240
			225	HQJ2H (2, 3P)	QAF2, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2	1	15-20	120
QAF, BAF, QAFH, QAFH	2	15-20			120/240			
QEH, BLEH, QE, BE, QPHF, BQHF, BLHF, QPF, BQF, BLF, BLE, QPF2, BLF2, HQPF2, HBLF2, QPHF2, BLHF2	1	15-30			120			
QEH, BLEH, QPHF, BLE, BLHF, QE, QPF, BLF	2	15-60			120/240			
QT	1	15-50			120/240			

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
kAIR	225	HQSH (2P)	QAF2N, QFGA2N, QTA, QTAN	1	15-20	120
			QAFN	2	15-20	120/240
100,000	250	HFD6, HFXD6 (2, 3P)	QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			BT, BTH	1	15-20	120/240
			QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	1	15-70	120,240
				2	15-125	120/240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2	1	15-20	120
			QAF, BAF, QAFH, BAFH, QAFN, QTA, QTAN	2	15-20	120/240
			QE, BE, QEH, BLE, BLEH, QE2, BLE2, QEH2, BLEH2, QPHF, BQHF, BLHF, QPF, BLF, BQF, QPF2, BLF2, QPHF2, QPF2N, BLHF2, HQPF2, HBLF2	1	15-30	120
			QEH, BLEH, QE, BE, QPHF, BQHF, BLHF, QPF, BQF, BLF, BLE, QPF2, BLF2, QPFH2, BLHF2, HQPF2, HBLF2	1	15-30	120
			BT, BTH	1	15-20	120/240
			QT	1, 2	15-50	120/240
			QPF, BLF, BLE, BLEH, QPHF, BLHF, QEH, QE	2	15-60	120/240
			EQ868#	2	100-125	120/240
			EQ948#	2	125-225	120/240
			EQ869#	2	150-225	120/240
			QJ2, QJH2, QJ2H	2, 3	60-225	240
			HQPP, QPPH, QPP	2	125-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	250	HFGB (2, 3P)	ED4, ED6	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			NFGB	2, 3	100-250	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QR2, QRH2, HQR2	2, 3	100-250	240
			FD6, FXD6	2, 3	70-250	240
			FD6-A, FXD6-A	2, 3	70-250	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			QP, BQ, BL, QPH, BQH, BLH	1 2 3	15-70 15-125 15-100	120/240 120/240 240
			QT	1, 2	15-50	120/240
			QAF2, QAF2N, QAFH2, QAF, BQAF, BAF, BAF2, BAFH2, HQAF2, HBAF2, QAFH, BQAF, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2 HQFGA2, HBFGA2, QFGAH2, BFGAH2	1	15-20	120
			QAF, BAF, QAFH, BAFH, QAFN, QTA, QTAN	2	15-20	120/240
			QPF2, QPF2N, BLF2, QPF, BQF, BLF, QE, BLE, BE, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QPF, BLF, QE, BLE	2	15-60	120/240
			QPHF, BLHF, QPHF2, BLHF2, QEH, BLEH, HQPF2, HBLF2	1	15-30	120
			QEH, BLEH, QPHF, BLHF	2	15-60	120/240
HQP, HBQ, HBL	1 2 3	15-70 15-125 15-100	120/240 120/240 240			
QS, QSH, QSHH, HQS	2	100-225	120/240			
QR2, QRH2, HQR2	2, 3	100-250	240			
BT, BTH	1	15-20	120/240			
SEAS, SEAB (3VA)	1,2,3	15-125	120/240			
MFAS (3VA)	2,3	40-250	240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
100,000	250	HFAS, MFAE, HFAE (3VA) (2, 3P)	QP, BL, BQ, QPH, BLH, BQH, HQP, HBL, HBQ	1 2 3	15-70 15-125 15-100	120/240 240 240		
			QT	1, 2	15-50	120/240		
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120		
			QAF, BAF, QAFN, QAFH, BAFH	2	15-20	120/240		
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120		
			QPF, BLF, QE, BLE, QPHF, BLHF, QEH, BLEH	2	15-60	120/240		
			EQ868#	2	100-125	120/240		
			EQ948#	2	125-225	120/240		
			EQ869#	2	150-225	120/240		
			QPP, QPPH	2	125-225	120/240		
			QS, QSH, QSHH, HQS	2	100-225	120/240		
			QR2, QRH2, HQR2	2, 3	100-250	240		
			ED2	1,2,3	15-100	120/240		
			ED4	1	15-100	240		
			ED4, ED6	2, 3	15-125	240		
			FD6-A, FXD6-A	2, 3	70-250	240		
			NDGB	2, 3	50-150	240		
			NFGB	2, 3	100-250	240		
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240		
			MFAS (3VA)	2, 3	40-250	240		
			400	HJD6-A, HJXD6-A (2, 3P)	ED4	1	15-100	120
					ED4, ED6	2, 3	15-125	240
					QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120

Series connected short circuit ratings 240V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
400	HJD6-A, HJXD6-A (2, 3P) (continued)		QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QR2, QRH2, HQR2	2, 3	100-250	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JD6-A, JXD6-A, JXD2-A, SJD6-A, SJD6-B	2, 3	200-400	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2,3	200-400	240
			100,000	SHJD6-A, SHJD6-B (3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN
QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30				120
QS, QSH, QSHH, HQS	2	100-225				120/240
QR2, QRH2, HQR2	2, 3	100-250				240
ED4	1	15-100				120
ED4, ED6	2, 3	15-125				240
FD6-A, FXD6-A	2, 3	70-250				240
JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400				240
NDGB	2, 3	50-150				240
NFGB	2, 3	100-250				240
NJGA, NJJA	2, 3	250-400				240
SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240			
MFAS (3VA)	2, 3	40-250	240			
MJAS (3VA)	2, 3	200-400	240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
100,000	400	HJGA (2, 3P)	ED4, ED6	1	15-100	240		
			ED4, ED6	2, 3	15-125	240		
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGA2N, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120		
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120		
			NFGB	2, 3	100-250	240		
			FD6, FXD6	2, 3	70-250	240		
			FD6-A, FXD6-A	2, 3	70-250	240		
			QR2, QRH2, HQR2	2, 3	100-250	240		
			NJGA, NJJA	2, 3	250-400	240		
			JD6-A, JXD6-A	2, 3	200-400	240		
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240		
			MFAS (3VA)	2, 3	40-250	240		
			MJAS (3VA)	2,3	200-400	240		
			400	HJAS MJAE, HJAE (3VA) (2, 3P)	QT	1, 2	15-50	120/240
					BT, BTH	1	15-20	120/240
					QPH, BLH, BQH, HQP, HBL, HBQ	1	15-70	120/240
						2	15-125	120/240
					QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	3	15-100	240
1	15-20	120						
QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30			120			
QN, QNR, QNH, QNRH, HQN, HQNR	2	150-200			120/240			
QS, QSH, QSHH, HQS	2	100-225			120/240			
QR2, QRH2, HQR2	2, 3	100-250			240			
ED4	1	15-100			120			
ED4, ED6	2, 3	15-125			240			
FD6-A, FXD6-A	2, 3	70-250			240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	400	HJAS MJAE, HJAE (3VA) (2, 3P)	JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2,3	250-400	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2,3	40-250	240
			MJAS (3VA)	2,3	200-400	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			ED4	1	15-100	120
ED4, ED6	2, 3	15-125	240			
FD6-A, FXD6-A	2, 3	70-250	240			
600	HLD6-A, HLXD6-A (2, 3P)	JD6-A, JXD6-A, JXD2-A, SJD6-A, SJD6-B	2, 3	200-400	240	
		LD6-A	2, 3	250-600	240	
		LXD6-A	2, 3	450-600	240	
		SLD6-A, SLD6-B	3	300-600	240	
		QR2, QRH2, HQR2	2, 3	100-250	240	
		NDGB	2, 3	50-150	240	
		NFGB	2, 3	100-250	240	
		NJGA, NJJA	2, 3	250-400	240	
		NLGB	2, 3	400-600	240	
		SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240	
		MFAS (3VA)	2, 3	40-250	240	
		MJAS (3VA)	2,3	200-400	240	
		MLAS (3VA)	2,3	450-600	240	

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	600	SHLD6-A, SHLD6-B (3P)	QAF2, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, BLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QS, QSH, QSHH, HQS	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			SLD6-A, SLD6-B	3	300-600	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2,3	200-400	240
			MLAS (3VA)	2,3	450-600	240
			600	HLGB (2, 3P)	ED4, ED6	1
ED4, ED6	2, 3	15-125			240	
NFGB	2, 3	100-250			240	
FD6, FXD6, FD6-A, FXD6-A	2, 3	70-250			240	
NJGA, NJJA	2, 3	250-400			240	
JD6-A, JXD6-A	2, 3	200-400			240	

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
600	HLGB (2, 3P) (continued)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QR2, QRH2, HQR2	2, 3	100-250	240
			LXD6, LXD6-A	2, 3	450-600	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	400-600	240
			MJAS (3VA)	2,3	200-400	240
			MLAS (3VA)	2,3	450-600	240
			QT	1, 2	15-50	120/240
			BT, BTH	1	15-20	120/240
			QPH, BLH, BQH, HQP, HBL, HBQ	1	15-70	120/240
				2	15-125	120/240
			3	15-100	240	
			600	HLAS MLAE, HLAE (3VA) (2, 3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN
QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30				120
QS, QSH, QSHH, HQS	2	100-225				120/240
QR2, QRH2, HQR2	2, 3	100-250				240
ED4	1	15-100				120
ED4, ED6	2, 3	15-125				240
FD6-A, FXD6-A	2, 3	70-250				240
JXD2-A, JD6-A, JXD6-A, SJD6-B	2, 3	200-400				240

100,000

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
600			LD6-A	2, 3	250-600	240			
			LXD6-A	2, 3	450-600	240			
			SLXD6-B	2, 3	300-600	240			
			HLAS	NDGB	2, 3	50-150	240		
			MLAE,	NFGB	2, 3	100-250	240		
			HLAE	NJGA, NJJA	2,3	250-400	240		
			(3VA)	NLGB	2, 3	400-600	240		
			(2, 3P)	SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240		
			(continued)	MFAS (3VA)	2,3	400-600	240		
				MJAS (3VA)	2,3	200-400	240		
				MLAS (3VA)	2,3	450-600	240		
			600	CLAS (3VA) (2,3P)	SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240	
			100,000			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
						QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
QR2, QRH2, HQR2	2, 3	100-250				240			
ED4	1	15-100				120			
ED4, ED6	2, 3	15-125				240			
FD6-A, FXD6-A	2, 3	70-250				240			
JXD2-A, JD6-A, JXD6-A, SJD6-A, SJD6-B	2, 3	200-400				240			
LD6-A	2, 3	250-600				240			
LXD6-A	2, 3	450-600				240			
SLD6-A, SLD6-B	3	300-600				240			
MD6, MXD6	2, 3	500-800				240			
SMD6, SMD6-B	3	600-800				240			
NDGB	2, 3	50-150				240			
NFGB	2, 3	100-250				240			
NJGA, NJJA	2, 3	250-400				240			
NLGB	2, 3	400-600				240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker				
	Max Amps	Type	Type	P	Amps	Volts	
800	HMD6, HMXD6 (2, 3P) (continued)		NMG	2, 3	600-800	240	
			SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240	
			MFAS (3VA)	2, 3	40-250	240	
			MJAS (3VA)	2, 3	200-400	240	
			MLAS (3VA)	2, 3	450-600	240	
	100,000	SHMD6, SHMD6-B (3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
				QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
				QS, QSH, QSHH, HQS	2	100-225	120/240
				QR2, QRH2, HQR2	2, 3	100-250	240
				ED4	1	15-100	120
ED4, ED6				2, 3	15-125	240	
FD6-A, FXD6-A				2, 3	70-250	240	
JXD2-A, JD6-A, JXD6-A,				2, 3	400-600	240	
SJD6-A, SJD6-B				2, 3	200-400	240	
LD6-A				2, 3	250-600	240	
LXD6-A				2, 3	450-600	240	
SLD6-A, SLD6-B				3	300-600	240	
MD6, MXD6				2, 3	500-800	240	
SMD6, SMD6-B				3	600-800	240	
NDGB				2, 3	50-150	240	
NFGB	2, 3	100-250	240				
NJGA, NJJA	2, 3	250-400	240				
NLGB	2, 3	400-600	240				
NMG	2, 3	600-800	240				
SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240				
MFAS (3VA)	2, 3	40-250	240				
MJAS (3VA)	2,3	200-400	240				
MLAS (3VA)	2,3	450-600	240				

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	800	HMG (2, 3P)	QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QS, QSH, QSHH, HQS	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JD6-A, JXD6-A	2, 3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
	LMD6, LMXD6	2, 3	500-800	240		
	MD6, MXD6	2, 3	500-800	240		
	NDGB	2, 3	50-150	240		
	NFGB	2, 3	100-250	240		
	NJGA, NJJA	2, 3	250-400	240		
	NLGB	2, 3	400-600	240		
	NMG	2, 3	600-800	240		
	SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240		
	MFAS (3VA)	2, 3	40-250	240		
	MJAS (3VA)	2, 3	200-400	240		
MLAS (3VA)	2, 3	450-600	240			
800	HMAS, MMAE (3VA) (2, 3P)	QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120	
		QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120	
		QS, QSH, QSHH	2	100-225	120/240	
		QR2, QRH2, HQR2	2, 3	100-250	240	
		ED4, ED6	2, 3	15-125	240	

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
800	HMAS, MMAE (3VA) (2, 3P)		FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A	2, 3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			MD6, MXD6	2, 3	500-800	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			NMG	2, 3	600-800	240
			SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2,3	200-400	240
			MLAS (3VA)	2,3	450-600	240
			MMAS (3VA)	2,3	600-800	240
			100,000	MMNAE (3VA) (3P)		QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN
QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30				120
QS, QSH, QSHH, HQS	2	100-225				120/240
QR2, QRH2, HQR2	2, 3	100-250				240
ED4, ED6	2, 3	15-125				240
FD6-A, FXD6-A	2, 3	70-250				240
JXD2-A, JD6-A, JXD6-A	2, 3	200-400				240
LD6-A	2, 3	250-600				240
LXD6-A	2, 3	450-600				240
MD6, MXD6	2, 3	500-800				240
NDGB	2, 3	50-150				240
NFGB	2, 3	100-250				240

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
1000	MMNAE (3VA) (3P) (continued)		NJGA, NJJA	2, 3	250-400	240			
			NLGB	2, 3	400-600	240			
			NMG	2, 3	600-800	240			
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240			
			MFAS (3VA)	2, 3	40-250	240			
			MJAS (3VA)	2, 3	200-400	240			
			MLAS (3VA)	2, 3	450-600	240			
			MMAS (3VA)	2, 3	600-800	240			
			100,000			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
						QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
QS, QSH, QSHH, HQS	2	100-225				120/240			
QR2, QRH2, HQR2	2, 3	100-250				240			
ED4	1	15-100				120			
ED4, ED6	2, 3	15-125				240			
FD6-A, FXD6-A	2, 3	70-250				240			
JXD2-A, JD6-A, JXD6-A	2, 3	200-400				240			
SJD6-B	3	200-400				240			
LD6-A	2, 3	250-600				240			
LXD6-A	2, 3	450-600				240			
SLD6-B	3	300-600				240			
LMD6, LMXD6	2, 3	600-800				240			
MD6, MXD6	2, 3	400-800				240			
SMD6-B	3	600-800				240			
ND6, NXD6	2, 3	500-1200				240			
SND6-B	3	500-1200				240			
NDGB	2, 3	50-150				240			
NFGB	2, 3	100-250				240			
1200	HND6, HNXD6 (2, 3P)					NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240			
			NMG	2, 3	600-800	240			
			NNG	2, 3	600-1200	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
1200		HND6, HNXD6 (2, 3P)	SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2, 3	200-400	240
			MLAS (3VA)	2, 3	450-600	240
1200		SHND6 SHND6-B (3P)	QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPFF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
				1	15-70	120/240
			QPH, BQH, BLH	2	15-125	240
				3	15-100	240
			QS, QSH, QSHH, HQS	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A	2, 3	200-400	240
			SJD6-A, SJD6-B	3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			SLD6-A, SLD6-B	3	300-600	240
			LMD6, LMXD6	2, 3	600-800	240
			MD6, MXD6	2, 3	400-800	240
			SMD6, SMD6-B	3	600-800	240
			ND6, NXD6	2, 3	500-1200	240
			SND6, SND6-B	3	500-1200	240
NDGB	2, 3	50-150	240			
NFGB	2, 3	100-250	240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	1200	SHND6 SHND6-B (3P) (continued)	NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			NMG	2, 3	600-800	240
			NNG	2, 3	600-1200	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2, 3	200-400	240
			MLAS (3VA)	2, 3	450-600	240
			QAF2, QAF2N, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, QFGA2N, BFGA2, QFGAH2, BFGAH2, HQFGA2, HBFGA2, QTA, QTAN	1	15-20	120
			QPF2, QPF2N, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
	QS, QSH, QSHH, HQS	2	100-225	120/240		
	QR2, QRH2, HQR2	2, 3	100-250	240		
	ED4	1	15-100	120		
	ED4, ED6	2, 3	15-125	240		
	FD6-A, FXD6-A	2, 3	70-250	240		
	JD6-A, JXD6-A	2, 3	200-400	240		
	LD6-A	2, 3	250-600	240		
	LXD6-A	2, 3	450-600	240		
	LMD6, LMXD6	2, 3	600-800	240		
	MD6, MXD6	2, 3	400-800	240		
NDGB	2, 3	50-150	240			
NFGB	2, 3	100-250	240			
NJGA, NJJA	2, 3	250-400	240			
NLGB	2, 3	400-600	240			
NMG	2, 3	600-800	240			
NNG	2, 3	600-1200	240			
SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240			
MFAS (3VA)	2, 3	40-250	240			
MJAS (3VA)	2, 3	200-400	240			
MLAS (3VA)	2, 3	450-600	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
1600	HPD6, HPXD6, SHPD6, SHPD6-B (3P)		QS, QSH, QSHH, HQS	2	100-225	120/240
			QR2, QRH2, HQR2	2, 3	100-250	240
			ED4	1	15-100	120
			ED4, ED6	2, 3	15-125	240
			FD6-A, FXD6-A	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A	2, 3	200-400	240
			SJD6-B	3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			SLD6-B	3	300-600	240
			MD6, MXD6	2, 3	400-800	240
			SMD6-B	3	600-800	240
			ND6, NXD6	2, 3	500-1200	240
			SND6-B	3	500-1200	240
			PD6, PXD6	2, 3	1200-1600	240
			SPD6-B	3	1400-1600	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			NMG	2, 3	600-800	240
			NNG	2, 3	600-1200	240
			NPG	2, 3	1200-1600	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
			MJAS (3VA)	2, 3	200-400	240
MLAS (3VA)	2, 3	450-600	240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
100,000	1600	HPG (2, 3P)	QS, QSH, QSHH, HQS	2	100-225	120/240		
			QR2, QRH2, HQR2	2, 3	100-250	240		
			ED4	1	15-100	120		
			ED4, ED6	2, 3	15-125	240		
			FD6-A, FXD6-A	2, 3	70-250	240		
			JD6-A, JXD6-A	2, 3	200-400	240		
			SJD6-B	3	200-400	240		
			LD6-A	2, 3	250-600	240		
			LXD6-A	2, 3	450-600	240		
			LMD6, LMXD6	2, 3	600-800	240		
			MD6, MXD6	2, 3	400-800	240		
			SMD6-B	3	600-800	240		
			ND6, NXD6	2, 3	500-1200	240		
			PD6, PXD6	2, 3	1200-1600	240		
			NDGB	2, 3	50-150	240		
			NFGB	2, 3	100-250	240		
			NJGA, NJJA	2, 3	250-400	240		
			NLGB	2, 3	400-600	240		
			NMG	2, 3	600-800	240		
			NNG	2, 3	600-1200	240		
			NPG	2, 3	1200-1600	240		
			SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125	120/240		
			MFAS (3VA)	2, 3	40-250	240		
			MJAS (3VA)	2, 3	200-400	240		
			MLAS (3VA)	2, 3	450-600	240		
			2000	HRD6, HRXD6 (3P)	QS, QSH, QSHH, HQS	2	100-225	120/240
					QR2, QRH2, HQR2	2, 3	100-250	240
					ED4	1	15-100	120
ED4, ED6	2, 3	15-125			240			
FD6-A, FXD6-A	2, 3	70-250			240			
JXD2-A, JD6-A, JXD6-A	2, 3	200-400			240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
100,000	2000	HRD6, HRXD6 (3P) (Continued)	SJD6-B	3	200-400	240
			LD6-A	2, 3	250-600	240
			LXD6-A	2, 3	450-600	240
			SLD6-B	3	300-600	240
			MD6, MXD6	2, 3	400-800	240
			SMD6-B	3	600-800	240
			ND6, NXD6	2, 3	500-1200	240
			SND6-B	3	500-1200	240
			PD6, PXD6	2, 3	1200-1600	240
			SPD6-B	3	1400-1600	240
			RD6, RXD6	2, 3	1600-2000	240
			NDGB	2, 3	50-150	240
			NFGB	2, 3	100-250	240
			NJGA, NJJA	2, 3	250-400	240
			NLGB	2, 3	400-600	240
			NMG	2, 3	600-800	240
			NNG	2, 3	600-1200	240
			NPG	2, 3	1200-1600	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MFAS (3VA)	2, 3	40-250	240
MJAS (3VA)	2,3	200-400	240			
MLAS (3VA)	2,3	450-600	240			
150,000	125	HEAB (3VA) (2, 3P)	QP, BL, BQ, QPH, BLH, BQH, HQP, HBL, HBQ	1 2 3	15-70 15-125 15-100	120/240 120/240 240
			BT, BTH	1	15-20	120/240
			QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	120
			QPF, BLF, QPHF, BLHF, QE, BLE, QEH, BLEH	2	15-60	120/240
			QFGA2, BFGA2, QFGA2N, QFGAH2, BFGAH2, HQFGA2, HBFGA2	1	15-20	120

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
800	HMAE (3VA) (3P)		HFD6, HFXD6	2, 3	70-250	240
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
			NJGA, NJJA, HJGA	2, 3	250-400	240
			NLGB, HLGB	2, 3	400-600	240
			NMG, HMG	2, 3	600-800	240
			SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125	120/240
			MDAE, HDAE (3VA)	3	40-150	240
			MFAS, HFAS (3VA)	2, 3	40-250	240
			MFAE, HFAE (3VA)	3	100-250	240
			MJAS, HJAS (3VA)	2,3	200-400	240
			MJAE, HJAE (3VA)	3	250-400	240
			MLAS, HLAS (3VA)	2,3	450-600	240
			MLAE, HLAE (3VA)	3	400-600	240
			MMAS, HMAS (3VA)	2,3	600-800	240
			MMAE (3VA)	3	600-800	240
			150,000	HMNAE (3VA) (3P)		HFD6, HFXD6
MD6, MXD6, HMD6, HMXD6	2, 3	500-800				240
NDGB, HDGB	2, 3	50-150				240
NFGB, HFGB	2, 3	100-250				240
NJGA, NJJA, HJGA	2, 3	250-400				240
NLGB, HLGB	2, 3	400-600				240
NMG, HMG	2, 3	600-800				240
SEAS, MEAS, SEAB, MEAB (3VA)	1,2,3	15-125				120/240
MDAE, HDAE (3VA)	3	40-150				240
MFAS, HFAS (3VA)	2, 3	40-250				240
MFAE, HFAE (3VA)	3	100-250				240
MJAS, HJAS (3VA)	2,3	200-400				240
MJAE, HJAE (3VA)	3	250-400				240
MLAS, HLAS (3VA)	2,3	450-600				240
MLAE, HLAE (3VA)	3	400-600				240
MMAS, HMAS (3VA)	2,3	600-800				240
MMAE (3VA)	3	600-800				240
MMNAE (3VA)	3	1000				240

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
200,000	125	CED6 (2,3P)	QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	1	15-70	120/240
				2	15-125	240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2	1	15-20	120
			QAF, BAF, QAFH, BAFH, QAFN	2	15-20	120/240
			QEH, BLEH, QE, BE, QPHF, BQHF, BLHF, QPF, BLF, BQF, BLE, QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2	1	15-30	120
			QEH, BLEH, QPHF, QE, BLHF, QPF,BLF, BLE	2	15-60	120/240
			QT	1, 2	15-50	120/240
			NGB, HGB, LGB	1,2,3	15-125	240
			ED4, HED4	1	15-100	120
			ED4, ED6, HED4, HED6	2, 3	15-125	240
			SEAB, MEAB, HEAB (3VA)	1,2,3	15-125	120/240
	150	LDGB (2,3P)	NGB, HGB, LGB	1,2,3	15-125	240
			NDGB, HDGB	2, 3	50-150	240
			MDAE, HDAE (3VA)	3	40-150	240
	150	CDAE, LDAE (3VA) (3P)	NDGB, HDGB	2, 3	50-150	240
			MDAE, HDAE (3VA)	3	40-150	240
	250	HHFD6, HHFXD6 (2,3P)	NGB, HGB, LGB	1,2,3	15-125	240
SEAB, MEAB, HEAB (3VA)			1,2,3	15-125	120/240	

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
200,000	250	CFD6-A (2, 3P)	QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL,	1	15-70	120/240
				2	15-125	240
				3	15-100	240
			QAF2, QAF2N, BAF2, QAF, BQAF, BAF, QAFH2, BAFH2, HQAF2, HBAF2, QAFH, BQAFH, BAFH, QFGA2, QFGA2N, BFGA2, HQFGA2, HBFGA2, QFGAH2, BFGAH2	1	15-20	120
			QAF, BAF, QAFH, BAFH, QAFN	2	15-20	120/240
			QEH, BLEH, QE, BE, QPHF, BQHF, BLHF, QPF, BLF, BQF, BLE, QPF2, BLF2, QPHF2, BLHF2, HQPF2, HBLF2	1	15-30	120
			QEH, BLEH, QPHF, QE, BLHF, QPF, BLF, BLE	2	15-60	120/240
			QT	1, 2	15-50	120/240
			QPPH, QPP	1, 2	125-225	120/240
			QJ2, QJH2, QJ2H	2	125-225	120/240
			QR2, QRH2, HQR2, HQR2H	2, 3	100-250	240
			NGB, HGB, LGB	1,2,3	15-125	240
			ED2	1,2,3	15-100	240
			ED4, HED4	1	15-100	120
			ED4, ED6, HED4, HED6	2, 3	15-125	240
			FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
			BT, BTH	1	15-20	120/240
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	120/240
MDAE, HDAE (3VA)	3	40-150	240			
MFAS, HFAS (3VA)	2, 3	40-250	240			
MFAE, HF AE (3VA)	3	100-250	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
250	LFGB (2, 3P)		QJ2, QJH2	3	60-225	240
			HFD6, HFXD6	2, 3	70-250	240
			NGB, HGB, LGB	1, 2, 3	15-125	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
			MDAE, HDAE (3VA)	3	40-150	240
			QT	1, 2	15-50	120/240
			QAF2, BAF2, QAF2N, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGA2N, QFGAH2, BFGAH2, HQFGA2, HBFGA2	1	15-20	120
			QAF, BAF, QAFH, BAFH, QAFN	2	15-20	120/240
			QPF2, BLF2, QPF2N, QPHF2, BLHF2, HQPF2, HBLF2, QE2, BLE2, QEH2, BLEH2	1	15-30	120
250	CFAS, CFAE, LFAE (3VA) (2, 3P)		QPF, BLF, QE, BLE, QPHF, BLHF, QEH, BLEH	2	15-60	120/240
			QP, BQ, BL, QPH, BQH, BLH, HQP, HBQ, HBL	1	15-70	120/240
				2	15-125	240
				3	15-100	240
			EQ948#	2	125-225	120/240
			QPP, QPPH	2	125-225	120/240
			QR2, QRH2, HQR2, HQR2H	2, 3	100-250	240
			NGB, HGB, LGB	1, 2, 3	15-125	240
			ED2	1, 2, 3	15-100	240
			ED4	1	15-100	240
			ED4, ED6	2, 3	15-125	240
			HFD6, HFXD6	2, 3	70-250	240
			NDGB, HDGB	2, 3	50-150	240
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	120/240
			MDAE, HDAE (3VA)	3	40-150	240
MFAS, HFAS (3VA)	2, 3	40-250	240			
MFAE, HFAS (3VA)	3	100-250	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
400	HHJD6, HHJXD6 (2, 3P)		FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
			NJGA, NJJA, HJGA	2, 3	250-400	240
			MDAE, HDAE (3VA)	3	40-150	240
			MFAS, HFAS (3VA)	2, 3	40-250	240
			MFAE, HFAE (3VA)	3	100-250	240
			MJAS, HJAS (3VA)	2, 3	200-400	240
			MJAE, HJAE (3VA)	3	250-400	240
			400	CJD6-A (2, 3P)		QPH, BLH, BQH, HQP, HBL, HBQ
QT	1, 2	15-30				120/240
NGB, HGB, LGB	1,2,3	15-125				240
ED4, ED6	2, 3	15-125				240
FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250				240
JXD2-A, JD6-A, JXD6-A, HJD6-A, HJXD6-A	1, 2	200-400				240
NDGB, HDGB	2, 3	50-150				240
NFGB, HFGB	2, 3	100-250				240
NJGA, NJJA, HJGA	2, 3	250-400				240
SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125				120/240
MDAE, HDAE (3VA)	3	40-150				240
MFAS, HFAS (3VA)	2, 3	40-250				240
MFAE, HFAE (3VA)	3	100-250				240
MJAS, HJAS (3VA)	2, 3	200-400	240			
MJAE, HJAE (3VA)	3	250-400	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
400	LGA (2, 3P)		NGB, HGB, LGB	1,2,3	15-125	240			
			HFD6, HFXD6	2, 3	70-250	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, NJJA, HJGA	2, 3	250-400	240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HF AE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2, 3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			200,000	CJAS, CJAE, LJAE (3VA) (2, 3P)		QT	1, 2	15-50	120/240
							1	15-70	120/240
						QPH, BLH, BQH, HQP, HBL, HBQ	2	15-125	240
	3	15-100				240			
NGB, HGB, LGB	1,2,3	15-125				240			
QR2, QRH2, HQR2, HQR2H	2, 3	100-250				240			
ED2	1,2,3	15-100				240			
ED4	1	15-100				120			
ED4	2, 3	15-125				240			
FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250				240			
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2, 3	100-250				240			
NJGA, NJJA, HJGA	2, 3	250-400				240			
SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125				120/240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HF AE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400	240						
MJAE, HJAE (3VA)	3	250-400	240						

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
600	HHL6, HHLXD6 (2, 3P)		NGB, HGB, LGB	1,2,3	15-125	240			
			FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, HJGA, NJJA	2, 3	250-400	240			
			NLGB, HLGB	2, 3	400-600	240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HF AE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2,3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			MLAS, MLAS (3VA)	2,3	450-600	240			
			MLAE, HLAE (3VA)	3	400-600	240			
			200,000			QPH, BQH, BLH HQP, HBQ, HBL	2 3	100-125 100	120/240 240
						QT	1, 2	15-50	120/240
						ED4, ED6	2, 3	15-125	240
FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250				240			
JXD2-A, JD6-A, JXD6-A, HJD6-A, HJXD6-A	2, 3	200-400				240			
LD6-A, HLD6-A	2, 3	250-600				240			
LXD6-A, HJXD6-A	2, 3	450-600				240			
NGB, HGB, LGB	1,2,3	15-125				240			
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2 - 3	100-250				240			
NJGA, HJGA, NJJA	2 - 3	250-400				240			
NLGB, HLGB	2 - 3	400-600				240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HF AE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400				240			
MJAE, HJAE (3VA)	3	250-400	240						
MLAS, MLAS (3VA)	2, 3	450-600	240						
MLAE, HLAE (3VA)	3	400-600	240						

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
600	LLGB (2, 3P)		NGB, HGB, LGB	1,2,3	15-125	240			
			HFD6, HFXD6	2, 3	70-250	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, HJGA, NJJA	2, 3	250-400	240			
			NLGB, HLGB	2, 3	400-600	240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HF AE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2, 3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			MLAS, HLAS (3VA)	2, 3	450-600	240			
			MLAE, HLAE (3VA)	3	400-600	240			
			200,000	CLAS CLAE, LLAE (3VA) (2, 3P)		QT	1, 2	15-50	120/240
							1	15-70	120/240
QPH, BLH, BQH, HQP, HBL, HBQ	2	15-125				240			
	3	15-100				240			
NGB, HGB, LGB	1, 2, 3	15-125				240			
QR2, QRH2, HQR2, HQR2H	2, 3	100-250				240			
FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250				240			
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2, 3	100-250				240			
NJGA, NJJA, HJGA	2, 3	250-400				240			
NLGB, HLGB	2, 3	400-600				240			
SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125				120/240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HF AE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400	240						
MJAE, HJAE (3VA)	3	250-400	240						
MLAS, HLAS (3VA)	2, 3	450-600	240						
MLAE, HLAE (3VA)	3	400-600	240						

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker			
	Max Amps	Type	Type	P	Amps	Volts
200,000	800	CMD6 (2, 3P)	ED4, ED6, HED4, HED6	2, 3	15-125	240
			FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240
			JXD2-A, JD6-A, JXD6-A, HJD6-A HJXD6-A	2, 3	200-400	240
			LD6-A, HLD6-A	2, 3	250-600	240
			LXD6-A, HLXD6-A	2, 3	450-600	240
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
			NJGA, HJGA, NJJA	2, 3	250-400	240
			NLGB, HLGB	2, 3	400-600	240
	MDAE, HDAE (3VA)	3	40-150	240		
	MFAS, HFAS (3VA)	2, 3	40-250	240		
	MFAE, HFAS (3VA)	3	100-250	240		
	MJAS, HJAS (3VA)	2, 3	200-400	240		
	MJAE, HJAE (3VA)	3	250-400	240		
	MLAS, HLAS (3VA)	2, 3	450-600	240		
	MLAE, HLAE (3VA)	3	400-600	240		
	800	SCMD6, SCMD6-A, SCMD6-B (3P)	MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
			NDGB, HDGB	2, 3	50-150	240
			NFGB, HFGB	2, 3	100-250	240
NJGA, HJGA, NJJA			2, 3	250-400	240	
NLGB, HLGB			2, 3	400-600	240	
NMG, HMG			2, 3	600-800	240	
MDAE, HDAE (3VA)			3	40-150	240	
MFAS, HFAS (3VA)			2, 3	40-250	240	
MFAE, HFAS (3VA)			3	100-250	240	
MJAS, HJAS (3VA)			2, 3	200-400	240	
MJAE, HJAE (3VA)	3	250-400	240			
MLAS, HLAS (3VA)	2, 3	450-600	240			
MLAE, HLAE (3VA)	3	400-600	240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker					
	Max Amps	Type	Type	P	Amps	Volts		
800	LMG (2, 3P)		HFD6, HFXD6	2, 3	70-250	240		
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240		
			NDGB, HDGB	2, 3	50-150	240		
			NFGB, HFGB	2, 3	100-250	240		
			NJGA, HJGA, NJJA	2, 3	250-400	240		
			NLGB, HLGB	2, 3	400-600	240		
			NMG, HMG	2, 3	600-800	240		
			MDAE, HDAE (3VA)	3	40-150	240		
			MFAS, HFAS (3VA)	2, 3	40-250	240		
			MFAE, HFAE (3VA)	3	100-250	240		
			MJAS, HJAS (3VA)	2, 3	200-400	240		
			MJAE, HJAE (3VA)	3	250-400	240		
			MLAS, HLAS (3VA)	2, 3	450-600	240		
			MLAE, HLAE (3VA)	3	400-600	240		
		200,000	CMAS, CMAE (3VA) (2, 3P)		HFD6, HFXD6	2, 3	70-250	240
					MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
					NDGB, HDGB	2, 3	50-150	240
	NFGB, HFGB			2, 3	100-250	240		
	NJGA, NJJA, HJGA			2, 3	250-400	240		
	NLGB, HLGB			2, 3	400-600	240		
	NMG, HMG			2, 3	600-800	240		
	SEAB, MEAB, HEAB (3VA)			1, 2, 3	15-125	120/240		
	MDAE, HDAE (3VA)			3	40-150	240		
	MFAS, HFAS (3VA)			2, 3	40-250	240		
	MFAE, HFAE (3VA)			3	100-250	240		
	MJAS, HJAS (3VA)			2,3	200-400	240		
	MJAE, HJAE (3VA)			3	250-400	240		
	MLAS, HLAS (3VA)			2, 3	450-600	240		
	MLAE, HLAE (3VA)			3	400-600	240		
	MMAS, HMAS (3VA)			2, 3	600-800	240		
	MMAE, HMAE (3VA)			3	600-800	240		

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
1000	CMNAE (3VA) (3P)		HFD6, HFXD6	2, 3	70-250	240			
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, NJJA, HJGA	2, 3	250-400	240			
			NLGB, HLGB	2, 3	400-600	240			
			NMG, HMG	2, 3	600-800	240			
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	120/240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HFAE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2, 3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			MLAS, HLAS (3VA)	2, 3	450-600	240			
			MLAE, HLAE (3VA)	3	400-600	240			
			MMAS, HMAS (3VA)	2, 3	600-800	240			
			MMAE, HMAE (3VA)	3	600-800	240			
			MMNAE, HMNAE (3VA)	3	1000	240			
			200,000	CND6 (3P)		ED4, ED6, HED4, HED6	2, 3	15-125	240
						FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240
JXD2-A, JD6-A, JXD6-A, HJD6-A, HJXD6-A	2, 3	200-400				240			
LD6-A, HLD6-A	2, 3	250-600				240			
LXD6-A, HLXD6-A	2, 3	450-600				240			
MD6, MXD6, HMD6, HMXD6	2, 3	500-800				240			
ND6, NXD6, HND6, HNXD6	2, 3	800-1200				240			
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2, 3	100-250				240			
NJGA, HJGA, NJJA	2, 3	250-400				240			
NLGB, HLGB	2, 3	400-600				240			
NMG, HMG	2, 3	600-800				240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HFAE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400				240			
MJAE, HJAE (3VA)	3	250-400				240			
MLAS, HLAS (3VA)	2, 3	450-600				240			
MLAE, HLAE (3VA)	3	400-600				240			

Series connected short circuit ratings 240V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
1200	SCND6-A, SCND6-B (3P)		MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240			
			SMD6, SHMD6, SMD6-B, SHMD6-B	3	600-800	240			
			ND6, NXD6, HND6, HNXD6	2, 3	800-1200	240			
			SND6, SHND6, SND6-B, SHND6-B	3	800-1200	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, HJGA, NJJA	2, 3	250-400	240			
			NLGB, HLGB	2, 3	400-600	240			
			NMG, HMG	2, 3	600-800	240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HFAE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2, 3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			MLAS, HLAS (3VA)	2, 3	450-600	240			
			MLAE, HLAE (3VA)	3	400-600	240			
			200,000		LNG (2, 3P)	HFD6, HFXD6	2, 3	70-250	240
						MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
						ND6, NXD6, HND6, HNXD6	2, 3	800-1200	240
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2, 3	100-250				240			
NJGA, HJGA, NJJA	2, 3	250-400				240			
NLGB, HLGB	2, 3	400-600				240			
NMG, HMG	2, 3	600-800				240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HFAE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400				240			
MJAE, HJAE (3VA)	3	250-400				240			
MLAS, HLAS (3VA)	2, 3	450-600				240			
MLAE, HLAE (3VA)	3	400-600				240			

**Series connected short circuit ratings
240V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker						
	Max Amps	Type	Type	P	Amps	Volts			
200,000	1600	CPD6 (3P)	FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	240			
			JXD2-A, JD6-A, JXD6-A, HJD6-A, HJXD6-A	2, 3	200-400	240			
			LD6-A, HLD6-A	2, 3	250-600	240			
			LXD6-A, HLXD6-A	2, 3	450-600	240			
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240			
			ND6, NXD6, HND6, HNXD6	2, 3	800-1200	240			
			NDGB, HDGB	2, 3	50-150	240			
			NFGB, HFGB	2, 3	100-250	240			
			NJGA, HJGA, NJJA	2, 3	250-400	240			
			NLGB, HLGB	2, 3	400-600	240			
			NMG, HMG	2, 3	600-800	240			
			MDAE, HDAE (3VA)	3	40-150	240			
			MFAS, HFAS (3VA)	2, 3	40-250	240			
			MFAE, HFAE (3VA)	3	100-250	240			
			MJAS, HJAS (3VA)	2, 3	200-400	240			
			MJAE, HJAE (3VA)	3	250-400	240			
			MLAS, HLAS (3VA)	2, 3	450-600	240			
			MLAE, HLAE (3VA)	3	400-600	240			
				1600	LPG (2, 3P)	HFD6, HFXD6	2, 3	70-250	240
						MD6, MXD6, HMD6, HMXD6	2, 3	500-800	240
ND6, NXD6, HND6, HNXD6	2, 3	800-1200				240			
PD6, PXD6, HPD6 HPXD6	2, 3	1200-1600				240			
NDGB, HDGB	2, 3	50-150				240			
NFGB, HFGB	2, 3	100-250				240			
NJGA, HJGA, NJJA	2, 3	250-400				240			
NLGB, HLGB	2, 3	400-600				240			
NMG, HMG	2, 3	600-800				240			
MDAE, HDAE (3VA)	3	40-150				240			
MFAS, HFAS (3VA)	2, 3	40-250				240			
MFAE, HFAE (3VA)	3	100-250				240			
MJAS, HJAS (3VA)	2, 3	200-400				240			
MJAE, HJAE (3VA)	3	250-400				240			
MLAS, HLAS (3VA)	2, 3	450-600				240			
MLAE, HLAE (3VA)	3	400-600				240			

Series connected short circuit ratings 240V fuse series ratings

Series rating	Main fuse		Branch breaker			
	Type	Max. amps	Type	P	Max. amps	
kAIR	RJ	15-600	QAF2N, QFGA2N, QTA, QTAN	1	15-20	
		15-600	QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	
		15-600	QPH, BQH, BLH	1, 2, 3	15-125	
		150-600	QN, QNR, QNH, QNRH	2	150-200	
65,000	T	15-1200	QAF2, BAF2, QAFH2, BAFH2, QFGA2, BFGA2, QFGAH2, BFGAH2, QAF2N, QFGA2N, QTA, QTAN	1	15-20	
		15-1200	QPF2, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-20	
		15-1200	QPH, BQH, BLH	1, 2, 3	15-125	
		150-1200	QN, QNR, QNH, QNRH	2	150-200	
	L	601-6000	QPH, BQH, BLH QN, QNR, QNH, QNRH	1, 2, 3 2	15-125 150-200	
	R	15-200	BT, BTH	1	15-20	
	J	15-400	BT, BTH	1	15-20	
	100,000	R, J	15-600	QAF2, BAF2, QAFH2, BAFH2, QFGA2, BFGA2, QFGAH2, BFGAH2, QAF2N, QFGA2N, QTA, QTAN	1	15-20
			15-600	QPF2, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30
				ED4, HED4	1	15-100
			ED4, ED6, HED4, HED6	2, 3	15-125	
70-600			FD6-A, FXD6-A	2, 3	70-250	
100-600			QS, QSH, QSHH, HQS	2	100-225	
100-600			QR2, QRH2, HQR2	2, 3	100-250	
200-600			JD6-A, JXD6-A, JXD2-A, SJD6-B	2, 3	200-400	
			LD6-A	2, 3	200-600	
300-600			SLD6-B	3	300-600	
450-600			LXD6-A	2, 3	450-600	
200-600	MJAS (3VA)	2, 3	200-400			
450-600	MLAS (3VA)	2, 3	450-600			

Series connected short circuit ratings 240V fuse series ratings (continued)

Series rating	Main fuse		Branch breaker		
	Type	Max. amps	Type	P	Amps
100,000	T (300V)	15-200	QPF, BQF, BLF, QHPF, QE, BE, BLE, QEH, BLEH, BLHF, BQHF, QAF, BAF, QAFH, BAFH	1	15-30
			QEH, BLEH, QE, QPF, QPHF, BLHF, BLE, BLF, QAF, BAF, QAFH, BAFH	2	15-60
			QP, BL, BQ	1, 2, 3	15-125
			QPH, BLH, BQH, HQP, HBL, HBQ	3	15-100
			QT	1,2	15-50
			QN, QNR, QNH, QNRH	2	15-200
		QAF2N, QFGA2N, QTA, QTAN	1	15-20	
		QAFN	2	15-20	
		QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30	
		BT, BTH	1	15-20	
		QAF2, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGAH2, BFGAH2	1	15-20	
		QPF2, BLF2, HQPF2, HBLF2, QPHF2, BLHF2	1	15-30	
		QPH, BQH, BLH, HQP, HBQ, HBL	1, 2	15-125	
		EQ868#	2	15-125	
		EQ869#	2	15-200	
	SEAS, MEAS, SEAB, MEAB (3VA)	1, 2, 3	15-125		
	T	15-400	BT, BTH	1	15-20
			QAF2, BAF2, QAFH2, BAFH2, HQAF2, HBAF2, QFGA2, BFGA2, QFGAH2, BFGAH2, QAF2N, QFGA2N, QTA, QTAN	1	15-20
		15-1200	QPF2, BLF2, HQPF2, HBLF2, QPHF2, BLHF2, QPF2N, QE2, BLE2, QEH2, BLEH2	1	15-30
			ED4, HED4	1	15-100
			ED4, ED6, HED4, HED6	2, 3	15-125
		70-1200	FXD6-A, FD6-A	2, 3	70-250
		100-1200	QS, QSH, QSHH, HQS	2	100-225
			QR2, QRH2, HQR2	2, 3	100-250
		200-1200	JD6-A, JXD6-A, JXD2-A	2, 3	200-400
			SJD6-B	3	200-400
		300-1200	LD6-A	2, 3	200-600
SLD6-B			3	300-600	
450-1200	LXD6-A	2, 3	450-600		
200-1200	MJAS (3VA)	2, 3	200-400		
450-1200	MLAS (3VA)	2, 3	450-600		

Series connected short circuit ratings 240V fuse series ratings (continued)

Series rating	Main fuse	Branch breaker			
kAIR	Type	Max. amps	Type	P	Amps
100,000	L	601-6000	ED4, HED4	1	15-100
			ED4, ED6, HED4, HED6	2, 3	15-125
			QS, QSH, QSHH, HQS	2	100-225
			QR2, QRH2, HQR2	2, 3	100-250
			FD6-A, FXD6-A	2, 3	70-250
			JD6-A, JXD6-A, JXD2-A	2, 3	200-400
			SJD6-B	3	200-400
			LD6-A	2, 3	200-600
			LXD6-A	2, 3	450-600
			SLD6-B	3	300-600
			SMD6	3	500-800
			SND6	3	500-1200
			PD6, PXD6, SPD6	3	1200-1600
			RD6, RXD6	3	1600-2000
			MJAS (3VA)	2, 3	200-400
MLAS (3VA)	2, 3	450-600			
200,000	R, J	15-100 15-600 70-600 50-600 70-600 200-600 400-600 15-600 50-600 70-600 100-600 200-600 250-600 450-600 400-600	BQD, CQD	1, 2, 3	15-100
			NGB, HGB, LBG	1, 2, 3	15-125
			HFD6, HFXD6	2, 3	70-250
			NDGB, HDGB	2, 3	50-150
			NFGB, HFGB	2, 3	70-250
			NJGA, NJJA, HJGA	2, 3	200-400
			NLGB, HLGB	2, 3	400-600
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125
			MDAE, HDAE (3VA)	3	40-150
			MFAS, HFAS (3VA)	3	70-250
			MFAE, HFAE (3VA)	3	100-250
			MJAS, HJAS (3VA)	2, 3	200-400
			MJAE, HJAE (3VA)	3	250-400
			MLAS, HLAS (3VA)	2, 3	450-600
			MLAE, HLAE (3VA)	3	400-600

**Series connected short circuit ratings
240V fuse series ratings (continued)**

Series rating	Main fuse		Branch breaker			
	Type	Max. amps	Type	P Amps		
200,000	T	15-1200	NGB, HGB, LBG	1, 2, 3	15-125	
		70-1200	HFD6, HFXD6	2, 3	70-250	
		50-1200	NDGB, HDGB	2, 3	50-150	
		70-1200	NFGB, HFGB	2, 3	70-250	
		200-1200	NJGA, HJGA	2, 3	200-400	
		400-1200	NLGB, HLGB	2, 3	400-600	
		600-1200	NMG, HMG	2, 3	600-800	
		15-1200	SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	
		40-1200	MDAE, HDAE (3VA)	3	40-150	
		70-1200	MFAS, HFAS (3VA)	3	70-250	
		100-1200	MFAE, HFAE (3VA)	3	100-250	
		200-1200	MJAS, HJAS (3VA)	2, 3	200-400	
		250-1200	MJAE, HJAE (3VA)	3	250-400	
		450-1200	MLAS, HLAS (3VA)	2, 3	450-600	
	400-1200	MLAE, HLAE (3VA)	3	400-600		
	L	601-6000	HFD6, HFXD6		2, 3	70-250
			MD6, MXD6, HMD6, HMXD6		2, 3	500-800
			ND6, NXD6, HND6, HNXD6		2, 3	500-1200
			NDGB, HDGB		2, 3	50-150
			NFGB, HFGB		2, 3	70-250
NJGA, NJJA, HJGA				2, 3	200-400	
NLGB, HLGB				2, 3	400-600	
NMG, HMG				2, 3	600-800	
MDAE, HDAE (3VA)				3	40-150	
MFAS, HFAS (3VA)				3	70-250	
MFAE, HFAE (3VA)				3	100-250	
MJAS, HJAS (3VA)				2, 3	200-400	
MJAE, HJAE (3VA)				3	250-400	
MLAS, HLAS (3VA)				2, 3	450-600	
MLAE, HLAE (3VA)				3	400-600	

Series connected short circuit ratings 480V breaker

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
18,000	125	ED4 (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
		ED6 (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
25,000	125	NGB, HGB*, LBG* (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
		MEAS (3VA) (2,3P)	NGB, NGB2 SEAB, SEAS	1, 2, 3 1, 2, 3	15-125 15-125	480Y/277 480Y/277
35,000	250	FD6-A, FXD6-A (2,3P)	NGB, NGB2	1, 2, 3	15-125	480Y/277
			SEAB, SEAS (3VA)	1, 2, 3	15-125	480Y/277
	250	MFAS, MFAE (3VA) (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
			ED4	1	15-100	277
			ED4, ED6	2, 3	15-125	480
			NGB, NGB2	1, 2, 3	15-125	480Y/277
	400	JD6-A, JXD6-A (2,3P)	SEAB, SEAS (3VA)	1, 2, 3	15-125	480Y/277
			BQD, CQD	1, 2, 3	15-30	480Y/277
	400	MJAS, MJAE (3VA) (2,3P)	ED4	1	15-100	277
			NGB, NGB2	1, 2, 3	15-125	480Y/277
SEAB, SEAS (3VA)			1, 2, 3	15-125	480Y/277	
ED4			1	15-100	277	
600	MLAS, MLAE (3VA) (2,3P)	NGB, NGB2	1, 2, 3	15-125	480Y/277	
		SEAB, SEAS (3VA)	1, 2, 3	15-125	480Y/277	
		NGB, NGB2	1, 2, 3	15-125	480Y/277	
800	MMAS, MMAE (3VA) (2,3P)	SEAB, SEAS (3VA)	1, 2, 3	15-125	480Y/277	
		NGB, NGB2	1, 2, 3	15-125	480Y/277	
1000	MMNAE (3VA) (2,3P)	NGB, NGB2	1, 2, 3	15-125	480Y/277	
		SEAB, SEAS (3VA)	1, 2, 3	15-125	480Y/277	
42,000	125	HED4 (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
			ED4	1	15-100	277
			ED4, ED6	2, 3	15-125	480
	400	HJD6-A*, HJXD6-A* (2,3P)	NGB, HGB	1, 2, 3	15-125	480Y/277

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	kAIR	Max amps Type	Type	P	Amps	Volts
	250	HFD6, HFXD6 (2,3P)	NGB, HGB, NGB2	1, 2, 3	15-125	480Y/277
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
	400	HJD6-A*, HJXD6-A* (2, 3P)	HED4	2, 3	15-50	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
50,000	600	HLD6-A*, HLXD6-A* (2, 3P)	HED4	2, 3	15-50	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2, 3	450-600	480
			MLAE (3VA)	3	400-600	480
	800	MD6, MXD6 (2, 3P)	FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			SJD6-A, SJD6-B	3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			SLD6-A, SLD6-B	3	400-600	480
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
			NMG	2, 3	600-800	480

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker				
	Max amps	Type	Type	P	Amps	Volts	
800	MD6, MXD6 (2, 3P) (continued)		SEAB, MEAB, SEAS, MEAS (3VA)	1,2,3	15-125	480Y/277	
			MDAE (3VA)	3	40-150	480	
			MFAS (3VA)	2, 3	40-250	480	
			MFAE (3VA)	3	100-250	480	
			MJAS (3VA)	2, 3	200-400	480	
			MJAE (3VA)	3	250-400	480	
			MLAS (3VA)	2, 3	450-600	480	
			MLAE (3VA)	3	400-600	480	
	50,000	800	SMD6, SMD6-B (3P)	JD6-A, JXD6-A	2, 3	200-400	480
				SJD6-A, SJD6-B	3	200-400	480
				LD6-A	2, 3	200-600	480
				LXD6-A	2, 3	450-600	480
				SLD6-A, SLD6-B	2, 3	400-600	480
				NDGB	2, 3	50-150	480
				NFGB	2, 3	100-250	480
				NJGA	2, 3	250-400	480
NLGB				2, 3	400-600	480	
NMG				2, 3	600-800	480	
SEAB, MEAB, SEAS, MEAS (3VA)				1, 2, 3	15-125	480Y/277	
MDAE (3VA)				3	40-150	480	
MFAS (3VA)				2, 3	40-250	480	
MFAE (3VA)				3	100-250	480	
MJAS (3VA)				2, 3	200-400	480	
MJAE (3VA)				3	250-400	480	
MLAS (3VA)	2, 3	450-600	480				
MLAE (3VA)	3	400-600	480				

*Main breaker series rated below listed interrupting rating

**Series connected short circuit ratings
480V breaker (continued)**

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
50,000	1200	ND6, NXD6 (2, 3P)	FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2,3	200-400	480
			SJD6-A, SJD6-B	3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			SLD6-A, SLD6-B	3	400-600	480
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
			NMG	2, 3	600-800	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2, 3	450-600	480
	MLAE (3VA)	3	400-600	480		
	1200	SND6, SND6-B (3P)	JD6-A, JXD6-A	2, 3	200-400	480
			SJD6-A, SJD6-B	3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			SLD6-A, SLD6-B	3	400-600	480
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
NMG			2, 3	600-800	480	
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277			
MDAE (3VA)	3	40-150	480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
50,000	1200	SND6, SND6-B (3P) (continued)	MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2, 3	450-600	480
			MLAE (3VA)	3	400-600	480
			FD6-A, FXD6-A	2, 3	70-250	480
	JD6-A, JXD6-A	2, 3	200-400	480		
	SJD6-A, SJD6-B	3	200-400	480		
	LD6-A	2,3	200-600	480		
	LXD6-A	2,3	450-600	480		
	SLD6-A, SLD6-B	3	400-600	480		
	NDGB	2, 3	50-150	480		
	NFGB	2, 3	100-250	480		
	NJGA	2, 3	250-400	480		
	NLGB	2, 3	400-600	480		
	NMG	2, 3	600-800	480		
	NNG	2, 3	800-1200	480		
	NPG	2, 3	1200-1600	480		
	1600	PD6, PXD6 (3P)	SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
		MFAS (3VA)	2, 3	40-250	480	
		MFAE (3VA)	3	100-250	480	
		MJAE (3VA)	3	250-400	480	
		MJAS (3VA)	2, 3	200-400	480	
		MLAE (3VA)	3	400-600	480	
		MLAS (3VA)	2, 3	450-600	480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
50,000	1600	SPD6, SPD6-B (3P)	JD6-A, JXD6-A	2, 3	200-400	480
			SJD6-A, SJD6-B	3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			SLD6-A, SLD6-B	3	400-600	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAE (3VA)	3	250-400	480
			MJAS (3VA)	2, 3	200-400	480
	MLAE (3VA)	3	400-600	480		
	MLAS (3VA)	2, 3	450-600	480		
	2000	RD6, RXD6 (3P)	FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			SJD6-A, SJD6-B	3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			SLD6-A, SLD6-B	3	400-600	480
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
NJGA			2, 3	250-400	480	
NLGB			2, 3	400-600	480	
NMG	2, 3	600-800	480			
NNG	2, 3	800-1200	480			
NPG	2, 3	1200-1600	480			
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277			
MDAE (3VA)	3	40-150	480			
MFAS (3VA)	2, 3	40-250	480			
MFAE (3VA)	3	100-250	480			
MJAE (3VA)	3	250-400	480			
MJAS (3VA)	2, 3	200-400	480			
MLAE (3VA)	3	400-600	480			
MLAS (3VA)	2, 3	450-600	480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker				
	Max amps	Type	Type	P	Amps	Volts	
65,000	125	HEAS (3VA) (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277	
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277	
	150	HDGB (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277	
			NDGB	2, 3	50-150	480	
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277	
	150	HDAE, (3VA) (3P)	HDGB (3P)	MDAE (3VA)	3	40-150	480
			HDAE, (3VA) (3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
				NDGB	3	50-150	480
				SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
				MDAE (3VA)	3	40-150	480
	250	HFD6, HFXD6 (2, 3P)	BQD, CQD	1, 2, 3	15-100	480Y/277	
			NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277	
			ED4, HED4	1	15-100	277	
			ED4, ED6, HED4	2, 3	15-125	480	
			NDGB	2, 3	50-150	480	
			NFGB	2, 3	100-250	480	
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277	
			MDAE (3VA)	3	40-150	480	
MFAS (3VA)			2, 3	40-250	480		
MFAE (3VA)			3	100-250	480		

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	250	HFGB (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			BQD, CQD	1, 2, 3	15-100	480Y/277
			NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			ED4	1	15-100	277
	250	HFAS, HFAE (3VA) (2, 3P)	ED4, ED6	2, 3	15-125	480
			FD6-A, FXD6-A	2, 3	70-250	480
			HFD6, HFXD6	2, 3	70-250	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			HED4, ED4	1	15-100	277
			FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			400	HJD6-A, HJXD6-A (2, 3P)	NDGB	2, 3
NFGB	2, 3	100-250			480	
NJGA	2, 3	250-400			480	
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125			480Y/277	
MDAE (3VA)	3	40-150			480	
MFAS (3VA)	2, 3	40-250			480	
MFAE (3VA)	3	100-250			480	
MJAE (3VA)	3	250-400			480	
MJAS (3VA)	2, 3	200-400			480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	400	HHJD6*, HHJXD6* (2, 3P)	NGB, HGB	1, 2,3	15-125	480Y/277
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
	400	HJGA (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
	400	HJAS, HJAE (3VA) (2, 3P)	BQD, CQD	1, 2, 3	15-30	480Y/277
			NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
ED4			1	15-100	277	
FD6-A, FXD6-A			2, 3	70-250	480	
NDGB			2, 3	50-150	480	
NFGB			2, 3	100-250	480	
NJGA			2, 3	250-400	480	
SEAB, MEAB, SEAS, MEAS (3VA)			1, 2, 3	15-125	480Y/277	
MDAE (3VA)			3	40-150	480	
MFAS (3VA)			2, 3	40-250	480	
MFAE (3VA)			3	100-250	480	
MJAS (3VA)			2,3	200-400	480	
MJAE (3VA)			3	250-400	480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	600	HLD6-A, HLXD6-A (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			ED4, HED4	1	15-100	277
			FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
	MJAE (3VA)	3	250-400	480		
	MLAS (3VA)	2, 3	450-600	480		
	MLAE (3VA)	3	400-600	480		
	600	HHL6*, HHLXD6* (2, 3P)	NGB, HGB	1, 2, 3	15-125	480Y/277
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
		HLGB (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
	NLGB		2, 3	400-600	480	
	SEAB, MEAB, SEAS, MEAS (3VA)		1, 2, 3	15-125	480Y/277	
	MDAE (3VA)		3	40-150	480	
MFAS (3VA)	2, 3		40-250	480		
MFAE (3VA)	3	100-250	480			
MJAS (3VA)	2, 3	200-400	480			
MJAE (3VA)	3	250-400	480			
MLAS (3VA)	2, 3	450-600	480			
MLAE (3VA)	3	400-600	480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker						
	Max amps	Type	Type	P	Amps	Volts			
600		HLAS, HLAE (3VA) (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277			
			ED4	1	15-100	277			
			FD6-A, FXD6-A	2, 3	70-250	480			
			NDGB	2, 3	50-150	480			
			NFGB	2, 3	100-250	480			
			NJGA	2, 3	250-400	480			
			NLGB	2, 3	400-600	480			
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277			
			MDAE (3VA)	3	40-150	480			
			MFAS (3VA)	2, 3	40-250	480			
			MFAE (3VA)	3	100-250	480			
			MJAS (3VA)	2, 3	200-400	480			
			MJAE (3VA)	3	250-400	480			
			MLAS (3VA)	2, 3	450-600	480			
			MLAE (3VA)	3	400-600	480			
			65,000		HMAS, HMAE (3VA) (2, 3P)	NGB, HGB, NGB2, HGB2	1,2,3	15-125	480Y/277
						NDGB	2, 3	50-150	480
NFGB	2, 3	100-250				480			
NJGA	2, 3	250-400				480			
NLGB	2, 3	400-600				480			
NMG	2, 3	600-800				480			
LMD6, LMXD6	2, 3	500-800				480			
MD6, MXD6	2, 3	400-800				480			
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125				480Y/277			
MDAE (3VA)	3	40-150				480			
MFAS (3VA)	2, 3	40-250				480			
MFAE (3VA)	3	100-250				480			
MJAS (3VA)	2, 3	200-400				480			
MJAE (3VA)	3	250-400				480			
MLAS (3VA)	2, 3	450-600				480			
MLAE (3VA)	3	400-600				480			
MMAS (3VA)	2, 3	600-800				480			
MMAE (3VA)	3	600-800	480						

*Main breaker series rated below listed interrupting rating

**Series connected short circuit ratings
480V breaker (continued)**

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	800	HMD6, HMXD6 (2, 3P)	NGB, HGB, NGB2, HGB2	1,2,3	15-125	480Y/277
			FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
			LMD6, LMXD6	2, 3	500-800	480
			MD6, MXD6	2, 3	400-800	480
			NDGB, HDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
			NMG	2, 3	600-800	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2,3	450-600	480
			MLAE (3VA)	3	400-600	480
800	HMG (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277	
		LMD6,LMXD6	2, 3	500-800	480	
		MD6,MXD6	2, 3	500-800	480	
		SMD6, SMD6-B	3	600-800	480	
		NDGB	2, 3	50-150	480	
		NFGB	2, 3	100-250	480	
		NJGA	2, 3	250-400	480	
		NLGB	2, 3	400-600	480	
		NMG	2, 3	600-800	480	
		SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125	480Y/277	
		MDAE (3VA)	3	40-150	480	
		MFAS (3VA)	2, 3	40-250	480	
		MFAE (3VA)	3	100-250	480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	800	HMG (2,3P) (continued)	MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2, 3	450-600	480
			MLAE (3VA)	3	400-600	480
	1000	HMNAE (3VA) (3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			NDGB	2, 3	50-150	480
			NFGB	2, 3	100-250	480
			NJGA	2, 3	250-400	480
			NLGB	2, 3	400-600	480
			NMG	2, 3	600-800	480
			LMD6, LMXD6	2, 3	500-800	480
			MD6, MXD6	2, 3	400-800	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1,2,3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2, 3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2, 3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2, 3	450-600	480
			MLAE (3VA)	3	400-600	480
			MMAS (3VA)	2, 3	600-800	480
			MMAE (3VA)	3	600-800	480
	MMNAE (3VA)	3	1000	480		
	1200	HND6, HNXD6 (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
			FD6-A, FXD6-A	2, 3	70-250	480
			JD6-A, JXD6-A	2, 3	200-400	480
			LD6-A	2, 3	200-600	480
			LXD6-A	2, 3	450-600	480
MD6, MXD6			2, 3	500-800	480	
SMD6, SMD6-B			3	600-800	480	
LMD6, LMXD6			2, 3	500-800	480	
NDGB			2, 3	50-150	480	
NFGB			2, 3	100-250	480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker					
	Max amps	Type	Type	P	Amps	Volts		
65,000	1200	HND6, HNXD6 (2, 3P) (continued)	NJGA	2,3	250-400	480		
			NLGB	2,3	400-600	480		
			NMG	2,3	600-800	480		
			NNG	2,3	800-1200	480		
			SEAB, MEAB, SEAS, MEAS (3VA)	1,2,3	15-125	480Y/277		
			MDAE (3VA)	3	40-150	480		
			MFAS (3VA)	2,3	40-250	480		
			MFAE (3VA)	3	100-250	480		
			MJAS (3VA)	2,3	200-400	480		
			MJAE (3VA)	3	250-400	480		
			MLAS (3VA)	2,3	450-600	480		
			MLAE (3VA)	3	400-600	480		
			1200	HNG (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
					LMD6, LMXD6	2, 3	500-800	480
	MD6, MXD6	2, 3			400-800	480		
	ND6, NXD6	2, 3			800-1200	480		
	NDGB	2, 3			50-150	480		
	NFGB	2, 3			100-250	480		
	NJGA	2, 3			250-400	480		
	NLGB	2, 3			400-600	480		
NMG	2, 3	600-800			480			
NNG	2, 3	800-1200			480			
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125			480Y/277			
MDAE (3VA)	3	40-150			480			
MFAS (3VA)	2, 3	40-250			480			
MFAE (3VA)	3	100-250			480			
MJAS (3VA)	2, 3	200-400			480			
MJAE (3VA)	3	250-400			480			
MLAS (3VA)	2, 3	450-600	480					
MLAE (3VA)	3	400-600	480					

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max amps	Type	Type	P	Amps	Volts			
65,000	1600	HPD6, HPXD6 (3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277			
			FD6-A, FXD6-A	2, 3	70-250	480			
			NDGB, HDGB	2, 3	50-150	480			
			NFGB	2, 3	100-250	480			
			NJGA	2, 3	250-400	480			
			NLGB	2, 3	400-600	480			
			NMG	2, 3	600-800	480			
			NNG	2, 3	800-1200	480			
			NPG	2, 3	1200-1600	480			
			SEAB, MEAB, SEAS, MEAS (3VA)	2, 3	15-125	480Y/277			
			MDAE (3VA)	3	40-150	480			
			MFAS (3VA)	2, 3	40-250	480			
			MFAE (3VA)	3	100-250	480			
			MJAS (3VA)	2, 3	200-400	480			
			MJAE (3VA)	3	250-400	480			
			MLAS (3VA)	2, 3	450-600	480			
			MLAE (3VA)	3	400-600	480			
			65,000	1600	HPG (2, 3P)	NGB, HGB, NGB2, HGB2	1, 2, 3	15-125	480Y/277
						LMD6, LMXD6	2, 3	500-800	480
						MD6, MXD6	2, 3	400-800	480
ND6, NXD6	2, 3	800-1200				480			
NDGB	2, 3	50-150				480			
NFGB	2, 3	100-250				480			
NJGA	2, 3	250-400				480			
NLGB	2, 3	400-600				480			
NMG	2, 3	600-800				480			
NNG	2, 3	800-1200				480			
NPG	2, 3	1200-1600				480			
SEAB, MEAB, SEAS, MEAS (3VA)	1, 2, 3	15-125				480Y/277			
MDAE (3VA)	3	40-150				480			
MFAS (3VA)	2, 3	40-250				480			
MFAE (3VA)	3	100-250				480			
MJAS (3VA)	2, 3	200-400				480			
MJAE (3VA)	3	250-400				480			
MLAS (3VA)	2, 3	450-600				480			
MLAE (3VA)	3	400-600				480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
65,000	2000	HRD6, HRXD6 (3P)	NGB, HGB, NGB2, HGB2	1,2,3	15-125	480Y/277
			FD6-A, FXD6-A	2,3	70-250	480
			JD6-A, JXD6-A	2,3	200-400	480
			LD6-A	2,3	200-600	480
			LXD6-A	2,3	450-600	480
			NDGB	2,3	50-150	480
			NFGB	2,3	100-250	480
			NJGA	2,3	250-400	480
			NLGB	2,3	400-600	480
			NMG	2,3	600-800	480
			NNG	2,3	800-1200	480
			NPG	2,3	1200-1600	480
			SEAB, MEAB, SEAS, MEAS (3VA)	1,2,3	15-125	480Y/277
			MDAE (3VA)	3	40-150	480
			MFAS (3VA)	2,3	40-250	480
			MFAE (3VA)	3	100-250	480
			MJAS (3VA)	2,3	200-400	480
			MJAE (3VA)	3	250-400	480
			MLAS (3VA)	2,3	450-600	480
			MLAE (3VA)	3	400-600	480
100,000	150	LDGB (2,3P)	NGB, HGB, LBG	1, 2, 3	15-125	480Y/277
	150	CDAE (3VA) (3P)	MDAE, HDAE (3VA)	3	40-150	480
	250	HHFD6, HHFXD6 (2,3P)	NGB, HGB, LBG	1, 2, 3	15-125	480Y/277
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
	250	CFD6 (2,3P)	BQD, CQD	1 2, 3	15-100 15-30	480Y/277 480Y/277

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
100,000	250	LFGB (2,3P)	NGB, HGB, LBG	1, 2, 3	15-125	480Y/277
			HFD6, HFXD6	2, 3	70-250	480
			NDGB, HDGB	2, 3	50-150	480
			NFGB, HFGB	2, 3	100-250	480
			MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
	250	CFAS, CFAE (3VA) (2,3P)	BQD, CQD	1, 2, 3	15-100	480Y/277
			NGB, HGB, LBG	1, 2, 3	15-125	480Y/277
			HFD6, HFXD6	2, 3	70-250	480
			NDGB, HDGB	2, 3	50-150	480
			NFGB, HFGB	2, 3	100-250	480
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277
			MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
	400	HHJXD6, HHJD6 (2,3P)	ED4, HED4	1	15-100	277
			HFD6, HFXD6, FD6-A, FXD6-A	2, 3	70-250	480
			NDGB, HDGB	2, 3	50-150	480
			NFGB, HFGB	2, 3	100-250	480
			NJGA, HJGA	2, 3	250-400	480
			MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
			MJAS, HJAS (3VA)	2, 3	200-400	480
			MJAE, HJAE (3VA)	3	250-400	480
			400	CJD6-A* (2,3P)	NGB, HGB, LBG	1, 2, 3

*Main breaker series rated below listed interrupting rating

**Series connected short circuit ratings
480V breaker (continued)**

Series rating	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
100,000	400	LJGA (2,3P)	NDGB, HDGB	2, 3	50-150	480
			NFGB, HFGB	2, 3	100-250	480
			HFD6, HFXD6	2, 3	70-250	480
			MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
			MJAS, HJAS (3VA)	2, 3	200-400	480
			MJAE, HJAE (3VA)	3	250-400	480
			400	CJAS, CJAE (3VA) (2,3P)	ED4	1
	FD6-A, FXD6-A, HFD6, HFXD6	2, 3			70-250	480
	NDGB, HDGB	2, 3			50-150	480
	NFGB, HFGB	2, 3			100-250	480
	NJGA, HJGA	2, 3			250-400	480
	SEAB, MEAB, HEAB (3VA)	1, 2, 3			15-125	480Y/277
	MDAE, HDAE (3VA)	3			40-150	480
	MFAS, HFAS (3VA)	2, 3			40-250	480
	MFAE, HFAE (3VA)	3			100-250	480
	600	HHLD6, HHLXD6 (2,3P)	MJAS, HJAS (3VA)	2, 3	200-400	480
MJAE, HJAE (3VA)			3	250-400	480	
ED4, HED4			1	15-100	277	
HFD6, HFXD6, FXD6-A, FD6-A			2,3	70-250	480	
NDGB, HDGB			2,3	50-150	480	
NFGB, HFGB			2,3	100-250	480	
NJGA, HJGA			2,3	250-400	480	
SEAB, MEAB, HEAB (3VA)			1,2,3	15-125	480Y/277	
MDAE, HDAE (3VA)			3	40-150	480	
MFAS, HFAS (3VA)	2,3	40-250	480			
MFAE, HFAE (3VA)	3	100-250	480			
MJAS, HJAS (3VA)	2,3	200-400	480			
MJAE, HJAE (3VA)	3	250-400	480			
MLAS, HLAS (3VA)	2,3	450-600	480			
MLAE, HLAE (3VA)	3	400-600	480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker						
	Max amps	Type	Type	P	Amps	Volts			
600	LLGB (2,3P)		HFD6, HFXD6	2, 3	70-250	480			
			NDGB, HDGB	2, 3	50-150	480			
			NFGB, HFGB	2, 3	100-250	480			
			NJGA, HJGA	2, 3	250-400	480			
			MDAE, HDAE (3VA)	3	40-150	480			
			MFAS, HFAS (3VA)	2, 3	40-250	480			
			MFAE, HFAE (3VA)	3	100-250	480			
			MJAS, HJAS (3VA)	2, 3	200-400	480			
			MJAE, HJAE (3VA)	3	250-400	480			
			MLAS, HLAS (3VA)	2, 3	450-600	480			
			MLAE, HLAE (3VA)	3	400-600	480			
	100,000	600	CLAS, CLAE (3VA) (2,3P)	ED4	1	15-100	277		
				FD6-A, FXD6-A, HFD6, HFXD6	2, 3	70-250	480		
				NDGB, HDGB	2, 3	50-150	480		
				NFGB, HFGB	2, 3	100-250	480		
				NJGA, HJGA	2, 3	250-400	480		
				NLGB, HLGB	2, 3	400-600	480		
				SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277		
				MDAE, HDAE (3VA)	3	40-150	480		
				MFAS, HFAS (3VA)	2, 3	40-250	480		
MFAE, HFAE (3VA)				3	100-250	480			
MJAS, HJAS (3VA)				2,	200-400	480			
MJAE, HJAE (3VA)				3	250-400	480			
MLAS, HLAS (3VA)				2, 3	450-600	480			
MLAE, HLAE (3VA)				3	400-600	480			
800				CMD6 (3P)		FD6-A, FXD6-A, HFD6-A, HFXD6-A	2, 3	70-250	480
						JD6-A, HJD6-A, JXD6-A, HJXD6-A	2, 3	200-400	480
						LD6-A, HLD6-A	2, 3	200-600	480
						LXD6-A, HLXD6-A	2, 3	450-600	480
						MD6, MXD6, HMD6, HMXD6	2, 3	500-800	480
	NDGB, HDGB	2, 3	50-150			480			
	NFGB, HFGB	2, 3	100-250			480			
	NJGA, HJGA	2, 3	250-400			480			
	NLGB, HLGB	2, 3	400-600			480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
100,000	800	CMD6 (3P) (continued)	MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2,3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
			MJAS, HJAS (3VA)	2,3	200-400	480
			MJAE, HJAE (3VA)	3	250-400	480
			MLAS, HLAS (3VA)	2,3	450-600	480
			MLAE, HLAE (3VA)	3	400-600	480
	800	SCMD6-A, SCMD6-B (3P)	HFD6, HFXD6	2, 3	70-250	480
			MDAE, HDAE (3VA)	3	40-150	480
			MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
			MJAS, HJAS (3VA)	2, 3	200-400	480
			MJAE, HJAE (3VA)	3	250-400	480
			MLAS, HLAS (3VA)	2, 3	450-600	480
MLAE, HLAE (3VA)	3	400-600	480			
800	LMG (2,3P)	HFD6, HFXD6	2, 3	70-250	480	
		MD6, MXD6, HMD6, HMXD6	2, 3	500-800	480	
		NDGB, HDGB	2, 3	50-150	480	
		NFGB, HFGB	2, 3	100-250	480	
		NJGA, HJGA	2, 3	250-400	480	
		NLGB, HLGB	2, 3	400-600	480	
		MDAE, HDAE (3VA)	3	40-150	480	
		MFAS, HFAS (3VA)	2, 3	40-250	480	
		MFAE, HFAE (3VA)	3	100-250	480	
		MJAS, HJAS (3VA)	2, 3	200-400	480	
		MJAE, HJAE (3VA)	3	250-400	480	
		MLAS, HLAS (3VA)	2, 3	450-600	480	
		MLAE, HLAE (3VA)	3	400-600	480	
		800	CMAS, CMAE (3VA) (2,3P)	HFD6, HFXD6	2, 3	70-250
MD6, MXD6, HMD6, HMXD6	2, 3			500-800	480	
NDGB, HDGB	2, 3			50-150	480	
NFGB, HFGB	2, 3			100-250	480	
NJGA, HJGA	2, 3			250-400	480	
NLGB, HLGB	2, 3			400-600	480	
NMG	2, 3			600-800	480	
SEAB, MEAB, HEAB (3VA)	1, 2, 3			15-125	480Y/277	
MDAE, HDAE (3VA)	3	40-150	480			

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker			
	Max amps	Type	Type	P	Amps	Volts
100,000	800	CMAS, CMAE (3VA) (2,3P) (continued)	MFAS, HFAS (3VA)	2, 3	40-250	480
			MFAE, HFAE (3VA)	3	100-250	480
			MJAS, HJAS (3VA)	2, 3	200-400	480
			MJAE, HJAE (3VA)	3	250-400	480
			MLAS, HLAS (3VA)	2, 3	450-600	480
			MLAE, HLAE (3VA)	3	400-600	480
			MMAS, HMAS (3VA)	2, 3	600-800	480
			MMAE, HMAE (3VA)	3	600-800	480
			HFD6, HFXD6	2, 3	70-250	480
			MD6, MXD6, HMD6, HMXD6	2, 3	500-800	480
	NDGB, HDGB	2, 3	50-150	480		
	NFGB, HFGB	2, 3	100-250	480		
	NJGA, HJGA	2, 3	250-400	480		
	NLGB, HLGB	2, 3	400-600	480		
	NMG	2, 3	600-800	480		
	SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277		
	MDAE, HDAE (3VA)	3	40-150	480		
	MFAS, HFAS (3VA)	2, 3	40-250	480		
	MFAE, HFAE (3VA)	3	100-250	480		
	MJAS, HJAS (3VA)	2, 3	200-400	480		
	MJAE, HJAE (3VA)	3	250-400	480		
	MLAS, HLAS (3VA)	2, 3	450-600	480		
	MLAE, HLAE (3VA)	3	400-600	480		
	MMAS, HMAS (3VA)	2, 3	600-800	480		
	MMAE, HMAE (3VA)	3	600-800	480		
	MMNAE, HMNAE (3VA)	3	1000	480		
1200	CND6 (3P)	FD6-A, FXD6-A	2, 3	70-250	480	
		HFD6-A, HFXD6-A	2, 3	70-250	480	
		JD6-A, HJD6-A, JXD6-A, HJXD6-A	2, 3	200-400	480	
		LD6-A, HLD6-A	2, 3	200-600	480	
		LXD6-A, HLXD6-A	2, 3	450-600	480	
		MD6, MXD6, HMD6, HMXD6	2, 3	500-800	480	
		ND6, NXD6, HND6, HNXD6	2, 3	500-1200	480	
		NDGB, HDGB	2 - 3	50-150	480	
		NFGB, HFGB	2 - 3	100-250	480	

*Main breaker series rated below listed interrupting rating

**Series connected short circuit ratings
480V breaker (continued)**

Series rating	Main breaker		Branch breaker					
	Max amps	Type	Type	P	Amps	Volts		
100,000	1200	CND6 (3P) (continued)	NJGA, HJGA	2 - 3	250-400	480		
			NLGB, HLGB	2 - 3	400-600	480		
			MDAE, HDAE (3VA)	3	40-150	480		
			MFAS, HFAS (3VA)	2, 3	40-250	480		
			MFAE, HFAE (3VA)	3	100-250	480		
			MJAS, HJAS (3VA)	2, 3	200-400	480		
			MJAE, HJAE (3VA)	3	250-400	480		
			MLAS, HLAS (3VA)	2, 3	450-600	480		
			MLAE, HLAE (3VA)	3	400-600	480		
			1200	SCND6-A, SCND6-B (3P)	HFD6, HFXD6	2, 3	70-250	480
					MDAE, HDAE (3VA)	3	40-150	480
					MFAS, HFAS (3VA)	2, 3	40-250	480
	MFAE, HFAE (3VA)	3			100-250	480		
	MJAS, HJAS (3VA)	2, 3			200-400	480		
	MJAE, HJAE (3VA)	3			250-400	480		
	1200	LNG (2,3P)	MD6, MXD6, HMD6 HMXD6	2, 3	400-800	480		
			ND6, NXD6, HND6, HNXD6	2, 3	600-1200	480		
			NDGB, HDGB	2, 3	50-150	480		
			NFGB, HFGB	2, 3	100-250	480		
			NJGA, HJGA	2, 3	250-400	480		
			NLGB, HLGB	2, 3	400-600	480		
			MDAE, HDAE (3VA)	3	40-150	480		
			MFAS, HFAS (3VA)	2, 3	40-250	480		
			MFAE, HFAE (3VA)	3	100-250	480		
			MJAS, HJAS (3VA)	2, 3	200-400	480		
			MJAE, HJAE (3VA)	3	250-400	480		
			MLAS, HLAS (3VA)	2, 3	450-600	480		
MLAE, HLAE (3VA)	3	400-600	480					

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating	Main breaker		Branch breaker						
	Max amps	Type	Type	P	Amps	Volts			
100,000	1600	CPD6 (3P)	FD6-A, FXD6-A HFD6-A, HFXD6-A	2, 3	70-250	480			
			NDGB, HDGB	2, 3	50-150	480			
			NFGB, HFGB	2, 3	100-250	480			
			NJGA, HJGA	2, 3	250-400	480			
			NLGB, HLGB	2, 3	400-600	480			
			MDAE, HDAE (3VA)	3	40-150	480			
			MFAS, HFAS (3VA)	2, 3	40-250	480			
			MFAE, HFAE (3VA)	3	100-250	480			
			MJAS, HJAS (3VA)	2, 3	200-400	480			
			MJAE, HJAE (3VA)	3	250-400	480			
			MLAS, HLAS (3VA)	2, 3	450-600	480			
			MLAE, HLAE (3VA)	3	400-600	480			
			100,000	1600	LPG (2,3P)	NDGB, HDGB	2, 3	50-150	480
						NFGB, HFGB	2, 3	100-250	480
						HFD6, HFXD6	2, 3	70-250	480
NJGA, HJGA	2, 3	250-400				480			
NLGB, HLGB	2, 3	400-600				480			
MD6, MXD6, HMD6, HMXD6	2, 3	500-800				480			
ND6, NXD6, HND6, HNXD6	2, 3	500-1200				480			
PD6, PXD6, HPD6, HPXD6	2, 3	1200-1600				480			
MDAE, HDAE (3VA)	3	40-150				480			
MFAS, HFAS (3VA)	2, 3	40-250				480			
MFAE, HFAE (3VA)	3	100-250				480			
MJAS, HJAS (3VA)	2, 3	200-400				480			
MJAE, HJAE (3VA)	3	250-400				480			
MLAS, HLAS (3VA)	2, 3	450-600				480			
MLAE, HLAE (3VA)	3	400-600				480			
150,000	150	LDAE (3VA) (3P)	MDAE, HDAE, CDAE (3VA)	3	40-150	480			
	250	LFAE (3VA) (3P)	MDAE, HDAE, CDAE (3VA)	3	40-150	480			
		MFAE, HFAE, CFAE (3VA)	3	100-250	480				

*Main breaker series rated below listed interrupting rating

**Series connected short circuit ratings
480V breaker (continued)**

Series rating kAIR	Main breaker		Branch breaker				
	Max amps	Type	Type	P	Amps	Volts	
150,000	400	CJD6-A (2,3P)	ED4	1	15-100	277	
			HFD6, HFXD6	2, 3	70-250	480	
			JD6-A, HJD6-A, JXD6-A, HJXD6-A	2, 3	200-400	480	
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277	
			MDAE, HDAE, CDAE (3VA)	3	40-150	480	
			MFAE, HFAE, CFAE (3VA)	3	100-250	480	
			MJAE, HJAE, CJAE (3VA)	3	250-400	480	
	400	LJAE (3VA) (3P)	HFD6, HFXD6	2,3	70-250	480	
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277	
			MDAE, HDAE, CDAE (3VA)	3	40-150	480	
			MFAE, HFAE, CFAE (3VA)	3	100-250	480	
			MJAE, HJAE, CJAE (3VA)	3	250-400	480	
	150,000	600	CLD6-A (2,3P)	ED4	1	15-100	277
				HFD6, HFXD6	2, 3	70-250	480
JD6-A, HJD6-A, JXD6-A, HJXD6-A				2, 3	200-400	480	
LD6-A, HLD6-A				2, 3	200-600	480	
LXD6-A, HLXD6-A				2, 3	450-600	480	
SEAB, MEAB, HEAB (3VA)				1, 2, 3	15-125	480Y/277	
MDAE, HDAE, CDAE (3VA)				3	40-150	480	
600		LLAE (3VA) (3P)	MFAE, HFAE, CFAE (3VA)	3	100-250	480	
			MJAE, HJAE, CJAE (3VA)	3	250-400	480	
			MLAE, HLAE, CLAE (3VA)	3	400-600	480	
			HFD6, HFXD6	2, 3	70-250	480	
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277	
			MDAE, HDAE, CDAE (3VA)	3	40-150	480	
			MFAE, HFAE, CFAE (3VA)	3	100-250	480	

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V breaker (continued)

Series rating kAIR	Main breaker		Branch breaker				
	Max amps	Type	Type	P	Amps	Volts	
200,000	125	CED6 (2,3P)	BQD, CQD	1	15-100	277	
					2, 3	20-30	480Y/277
			NGB, HGB, LBG	1, 2, 3	15-125	480Y/277	
			ED4, HED4	1	15-100	277	
			ED4, ED6, HED4	2, 3	15-125	480	
			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277	
	250	CFD6 (2,3P)	BQD, CQD	1	15-100	277	
					2, 3	20-30	480Y/277
			NGB, HGB, LBG	1, 2, 3	15-125	480Y/277	
			ED4, ED6	2, 3	15-50	277	
ED4, HED4			1	15-100	480		
HED4			2, 3	15-125	480		
FD6-A, FXD6-A, HFD6, HFXD6			2, 3	70-250	480		
				SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	480Y/277

*Main breaker series rated below listed interrupting rating

Series connected short circuit ratings 480V fuse series ratings

Series rating	Main fuse		Branch breaker				
	Type	Max. amps	Type	Max. amps			
50,000	J	60-400	ED4	1	60-100		
		15-400	ED4	2,3	15-100		
	J	15-600	SEAB, MEAB, HEAB (3VA)	1,2,3	15-125		
		70-600	HFD6, HFXD6	2,3	70-250		
		200-600	JD6-A, JXD6-A, HJD6-A, HJXD6-A	2,3	200-400		
			LD6-A, HLD6-A	2,3	200-600		
		450-600	LXD6-A, HLXD6-A	2,3	450-600		
		50-600	NDGB, HDGB	2,3	50-150		
		70-600	NFGB, HFGB	2,3	70-250		
		200-600	NJGA, HJGA	2,3	200-400		
		R, J	400-600	NLGB, HLGB	2,3	400-600	
			40-600	MDAE, HDAE (3VA)	3	40-150	
			70-600	MFAS, HFAS (3VA)	3	70-250	
			100-600	MFAE, HFAE (3VA)	3	100-250	
			200-600	MJAS, HJAS (3VA)	2, 3	200-400	
			250-600	MJAE, HJAE (3VA)	3	250-400	
		100,000	J	450-600	MLAS, HLAS (3VA)	2, 3	450-600
				400-600	MLAE, HLAE (3VA)	3	400-600
				70-600	FD6-A, FXD6-A	2, 3	70-250
				70-1200	HFD6, HFXD6	2, 3	70-250
	200-1200			JD6-A, JXD6-A, HJD6-A, HJXD6-A	2, 3	200-400	
	200-1200			LD6-A, HLD6-A	2, 3	200-600	
	450-1200			LXD6-A, HLXD6-A	2, 3	450-600	
	50-1200			NDGB, HDGB	2, 3	50-150	
70-1200	NFGB, HFGB			2, 3	70-250		
250-1200	NJGA, HJGA			2, 3	200-400		
T	400-1200			NLGB, HLGB	2, 3	400-600	
	15-600			SEAB, MEAB, HEAB (3VA)	1, 2, 3	15-125	
	40-1200		MDAE, HDAE (3VA)	3	40-150		
	70-1200		MFAS, HFAS (3VA)	3	70-250		
	100-1200		MFAE, HFAE (3VA)	3	100-250		
	200-1200		MJAS, HJAS (3VA)	2, 3	200-400		
250-1200	MJAE, HJAE (3VA)		3	250-400			
450-1200	MLAS, HLAS (3VA)		2, 3	450-600			
400-1200	MLAE, HLAE (3VA)	3	400-600				

Series connected short circuit ratings 480V fuse series ratings (continued)

Series rating	Main fuse		Branch breaker		
kAIR	Type	Max. amps	Type	P	Max. amps
100,000 L	L	601-6000	HFD6, HFXD6	2, 3	70-250
		601-1200	JD6-A, JXD6-A, HJD6-A, HJXD6-A	2, 3	200-400
			LD6-A, HLD6-A	2, 3	200-600
			LXD6-A, HLXD6-A	2, 3	450-600
		1200-6000	MD6, MXD6, HMD6, HMXD6	2, 3	500-800
			ND6, NXD6, HND6, HNXD6	2, 3	500-1200
		601-6000	PD6, PXD6, HPD6, HPXD6	3	1200-1600
			NDGB, HDGB	2, 3	50-150
			NFGB, HFGB	2, 3	70-250
			NJGA, HJGA	2, 3	200-400
			NLGB, HLGB	2, 3	400-600
			MDAE, HDAE (3VA)	3	40-150
			MFAS, HFAS (3VA)	3	70-250
			MFAE, HFAE (3VA)	3	100-250
			MJAS, HJAS (3VA)	2, 3	200-400
			MJAE, HJAE (3VA)	3	250-400
		MLAS, HLAS (3VA)	2, 3	450-600	
MLAE, HLAE (3VA)	3	400-600			

Series connected short circuit ratings 480V special panelboards series ratings ¹

Series rating kAIR	Main breaker fuse		Branch breaker			Max amps	Volts	
	Max amps	Type	Type	P				
42,000	125	HED4 (2,3P)	BQCH	1, 2, 3	15-100	480Y/277		
			BQCH	1				
65,000	250	HFD6 (2,3P)	BQCH	2, 3	15-60	480Y/277		
			CFD6 (2,3P)	BQCH	2, 3	15-100	480Y/277	
100,000	250	CFD6 (2,3P)	BQD, CQD	2, 3	15-100	480Y/277		
			CLF (2,3P)	BQCH	1, 2, 3	15-100	480Y/277	
			100	CLE (2,3P)	BQCH	1, 2, 3	15-100	480Y/277
				CLE-A (2,3P)	BQCH	1, 2, 3	15-100	480Y/277
200,000	125	CED6 (2,3P)	BQCH	1, 2, 3	15-100	480Y/277		
			BQD, CQD	2, 3	15-100	480Y/277		
	250	CFD6 (2,3P)	BQCH	1	15-100	277		
			BQCH	2, 3	60-100	480Y/277		
	100	R	BQD, CQD	2, 3	15-30	480Y/277		
	200	T, J	BQD, CQD	2, 3	15-30	480Y/277		

¹ The branch breakers for these series combinations are only applicable when installed in Siemens Series 7A, P1, P2, P3, S2 and S3 panelboards.

Series connected short circuit ratings 3VA UL type structure

Position 1	Position 2	Position 3	Position 4
KAIC @ 480v	Frame	Family	Trip system / Special application
S = 25 low	E = 125A max	A = 3VA	S = Standard TMTU or MCS (Molded Case Switch)
M = 35 med low	D = 150A max		E = High End ETU
H = 65 med	F = 250A max		B = Panelboard TMTU (Bolt-on)
C = 100 med high	J = 400A max		M=TMTU 50°C/NAVAL(UL 489 SB)
L = 150 high	L = 600A max		P=MCP TMTU (Motor Circuit Protector)
E = 200 extra high	M = 800A max		R=MCP ETU (MCP)
	MN = 1000A max		

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