



General information

Circuit breakers for power distribution

T1 – T3



T1



T2



T3

			Tmax T1 1P	Tmax T1	Tmax T2		Tmax T3					
UL 489 CSA C22.2												
Frame size		A	100	100	100		225					
Number of poles		Nr	1	3, 4	3, 4		3, 4					
Rated voltage	AC (50-60 Hz)	V	277	600Y / 347V	480		600Y/347V					
	DC	V		500			500					
Interrupting ratings			B	N	S	H	N	S				
	AC 240 V	kA	18 ①	50 ②	65	100	50	65				
	277 V	kA										
	480 V	kA		22 ②	35	65	25	35				
	600Y/347	kA		10			10	10				
	600 V	kA										
	DC 250 V - 2 poles in series	kA		25			25	35				
500 V - 3 poles in series	kA		25			25	35					
500 V - 2 poles in series	kA											
600 V - 3 poles in series	kA											
Trip units	TMF		■	■	■		■					
	TMD/TMA											
	ELT				■							
	MA				■		■					
Versions	MCCB		■	■	■		■					
	MCS			■	■		■					
	MCP				■		■					
IEC 60947-2												
Rated uninterrupted current, Iu		A	160	160	160		250					
Number of poles		Nr	1	3,4	3,4		3,4					
Rated service voltage, Ue	AC (50-60 Hz)	V	240	690	690		690					
	DC	V	125	500	500		500					
Rated ultimate short circuit breaking capacity, Icu			B	C	N	N	S	H	L	N	S	
	AC (50-60 Hz)	kA	25	25	40	50	65	85	100	120	50	85
	220/230 V	kA		16	25	36	36	50	70	85	36	50
	380/415 V	kA		10	15	22	30	45	55	75	25	40
	440 V	kA		8	10	15	25	30	36	50	20	30
	500 V	kA		3	4	6	6	7	8	10	5	8
	690 V	kA		16	25	36	36	50	70	85	36	50
	DC	kA		20	30	40	40	55	85	100	40	55
	250 V - 2 poles in series	kA										
	250 V - 3 poles in series	kA										
500 V - 2 poles in series	kA											
500 V - 3 poles in series	kA											
750 V - 3 poles in series	kA		16	25	36	36	50	70	85	36	50	
Trip units	TMF		■									
	TMD/TMA			■							■	
	ELT						■					
	MF						■					
	MA						■				■	
UL 489 CSA C22.2 and IEC 60947-2												
Dimensions	H	in/mm	5.12/130	5.12/130	5.12/130		5.9/150					
	W 1p or 3p	in/mm	1/25.4	3/76	3.54/90		4.13/105					
	W 4p	in/mm		4/102	4.72/120		5.51/140					
	D	in/mm	2.76/70	2.76/70	2.76/70		2.76/70					
Mechanical life		No. operations	25,000	25,000	25,000		25,000					
		No. Hourly operations	240	240	240		240					
		No. operations	8000	8000	8000		8000					
		No. hourly operations	120	120	120		120					
Weights (Fixed 3P)		Lbs.	1.06	2.34	2.86		5.45					

① In15A = 10kA @ 277 VAC

② In15A = 35kA @ 240 VAC, 14 kA @ 480 VAC

TMF = Thermomagnetic trip unit with fixed thermal and magnetic threshold

TMD = Thermomagnetic trip unit with adjustable thermal threshold and fixed magnetic threshold.