

## Selection Guide

### Circuit breakers for power distribution

#### T1 – Ts3



T1 1P



T1



T2



T3



Ts3

Type		Tmax T1 1p	Tmax T1	Tmax T2		Tmax T3		Tmax Ts3			Tmax Ts3				
Frame size	[A]	100	100	100		225		150			225				
Number of poles	[Nr]	1	3-4	3-4		3-4		2-3-4			2-3-4				
Rated voltage	AC (50-60Hz)	[V]	347	600Y/347		480		600Y/347		600			480		
	DC	[V]		500				500		600			500		
Interrupting ratings			B	N		S H		N S		N H L			N H L		
	240V AC	[kA rms]		50 ②		65 150		50 65		65 100 150			65 100 150		
	277V AC	[kA rms]	18 ①												
	347V AC	[kA rms]	14 ①												
	480V AC	[kA rms]		22 ②		35 65		25 35		25 50 85 ⑤			25 50 65		
	600Y/347V AC	[kA rms]		10				10 10							
	600V AC	[kA rms]								14 14 25					
	250V DC (2 poles in series)	[kA rms]		25				25 35							
500V DC (3 poles in series)	[kA rms]		25				25 35								
500V DC (2 poles in series)	[kA rms]								35 50 65			20 35 50			
600V DC (3 poles in series)	[kA rms]								20 35 50						
Trip units	TMF		■	■		■		■		■			■		
	TMD/TMA														
	ELT					■									
	MA					■		■		■			■		
	Electronic					■									
Dimensions	H	[in/mm]	5.12/130	5.12/130		5.12/130		5.9/150		6.7/170			6.7/170		
	W 3p	[in/mm]	1/25.4	3/76		3.54/90		4.13/105		4.13/105			4.13/105		
	D	[in/mm]	2.76/70	2.76/70		2.76/70		2.76/70		4.07/103.5			4.07/103.5		
Mechanical life	[No. operations]	25000	25000		25000		25000		25000			25000			

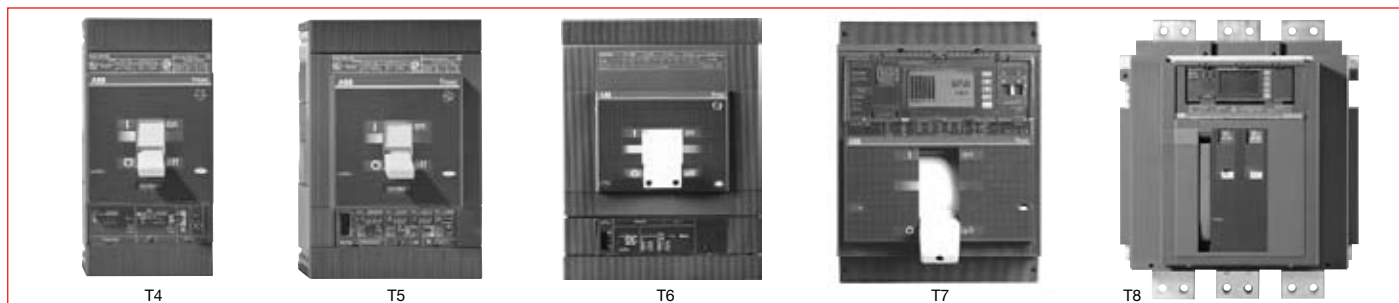
① In15A = 10kA@277VAC 10kA@347VAC  
 ② In15A = 35kA@240VAC 14kA@480Y/277 VAC  
 ③ T5 600 with electronic trip units only and in three pole version  
 ④ 2p breakers: available only in N interrupting rating  
 ⑤ In from 15A up to 30A=65kA@480V AC

# Selection Guide

## Circuit breakers for power distribution

### T4 – T8

Tmax  
MCCBs



Type		Tmax T4	Tmax T5	Tmax T6	Tmax T7/T7M	Insulated case T8	
Frame size	[A]	250	400-600 ③	800	1000-1200	1600, 2000, 2500 & 3000 3 600	
Number of poles	[Nr]	2-3-4 ④	2-3-4 ④	3-4	3-4		
Rated voltage	AC (50-60Hz)	[V]	600	600	600		
	DC	[V]	600	600	600		
Interrupting ratings		N S H L V	N S H L V	N S H L	S H L	V	
	240V AC	[kA rms]	65 100 150 200 200	65 100 150 200 200	65 100 200 200	65 100 150	125
	277V AC	[kA rms]					
	347V AC	[kA rms]					
	480V AC	[kA rms]	25 35 65 100 150	25 35 65 100 150	35 50 65 100	50 65 100	125
	600Y/347V AC	[kA rms]					
	600V AC	[kA rms]	18 25 35 65 100	18 25 35 65 100	20 25 35 42	25 50 65	100
	250V DC (2 poles in series)	[kA rms]					
500V DC (3 poles in series)	[kA rms]						
500V DC (2 poles in series)	[kA rms]	25 35 50 65 100	25 35 50 65 100	35 35 50 65			
600V DC (3 poles in series)	[kA rms]	16 25 35 50 65	16 25 35 50 65	20 20 35 50			
Trip units	TMF	■					
	TMD/TMA	■	■	■			
	ELT						
	MA						
	Electronic	■	■	■	■		
Dimensions	H	[in/mm]	8.07/205	8.07/205	10.55/268	10.55/268	15 / 382
	W 3p	[in/mm]	4.13/105	5.51/140	8.26/210	8.26/210	16.8 / 427
	D	[in/mm]	4.07/103.5	4.07/103.5	4.07/103.5	6.06/154 (toggle) 7/178 (motor)	11.2 / 282
Mechanical life	[No. operations]	20,000	20,000	20,000	10,000	15,000	

① In15A = 10kA@277 VAC 10kA@347 VAC  
 ② In15A = 35kA@240 VAC 14kA@480Y/277 VAC  
 ③ T5 600 with electronic trip units only and in three pole version-  
 ④ 2p T4N250 and T5N400 available only in N interrupting capacity.  
 ⑤ In from 15A up to 30A=65kA@480 VAC  
 ⑥ Applies to MCS only.