

Overview of the Tmax family



1



Circuit-breakers for AC-DC distribution

		T1 1p	T1
Size	[A]	160	160
In	[A]	16...160	16...160
Poles	[Nr]	1	3/4
Ue	[V]	(AC) 50 - 60 Hz 240	690
	[V]	(DC) 125	500
Icu (380-415 V AC)	[kA]	B 25* (220/230 V AC)	16
	[kA]	C	25
	[kA]	N	36
	[kA]	S	
	[kA]	H	
	[kA]	L	
	[kA]	V	



Circuit-breakers for zone selectivity

Size	[A]		
Poles	[Nr]		
Ue	[V]	(AC) 50 - 60 Hz	
EFDP zone selectivity			
ZS zone selectivity			



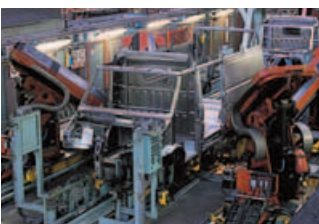
Circuit-breakers for motor protection

Size	[A]		
Poles	[Nr]		
Ue	[V]	(AC) 50 - 60 Hz	
Magnetic only trip unit, IEC 60947-2			
PR221DS-I trip unit, IEC 60947-2			
PR222MP trip unit, IEC 60947-4-1			
PR231/P-I trip unit, IEC 60947-2			



Circuit-breakers for use up to 1150 V AC and 1000 V DC

Size	[A]		
Poles	[Nr]		
Icu max	[kA]	1000 V AC	
	[kA]	1150 V AC	
	[kA]	1000 V DC	
		4 poles in series	



Switch-disconnectors

		T1D
Ith	[A]	160
Ie	[A]	125
Poles	[Nr]	3/4
Ue	[V]	(AC) 50 - 60 Hz 690
	[V]	(DC) 500
Icm	[kA]	2.8
Icw	[kA]	2

* For In 16 A and In 20 A: Icu @ 220/230 V AC = 16 kA

Note: ABB SACE's moulded-case circuit-breakers are also available in the versions according to UL Standards (see catalogue "ABB SACE molded case circuit-breakers - UL 489 and CSA C22.2 Standard").



T2	T3	T4	T5	T6	T7
160	250	250/320	400/630	630/800/1000	800/1000/1250/1600
1.6...160	63...250	20...320	320...630	630...1000	200...1600
3/4	3/4	3/4	3/4	3/4	3/4
690	690	690	690	690	690
500	500	750	750	750	
36	36	36	36	36	
50	50	50	50	50	50
70		70	70	70	70
85		120	120	100	120
		200	200		150

T4	T5	T6	T7
250/320	400/630	630/800/1000	800/1000/1250/1600
3/4	3/4	3/4	3/4
690/1000	690/1000	690	690
■	■	■	■

T2	T3	T4	T5	T6	T7
160	250	250/320	400/630	800	800/1000/1250
3	3	3	3	3	3
690	690	690	690	690	690
■	■	■			
■		■	■	■	
		■	■	■	
					■

T4	T5	T6
250	400/630	630/800
3/4	3/4	3/4
20	20	12
12	12	
40	40	40

T3D	T4D	T5D	T6D	T7D
250	250/320	400/630	630/800/1000	1000/1250/1600
200	250/320	400/630	630/800/1000	1000/1250/1600
3/4	3/4	3/4	3/4	3/4
690	690	690	690	690
500	750	750	750	750
5.3	5.3	11	30	52.2
3.6	3.6	6	15	20