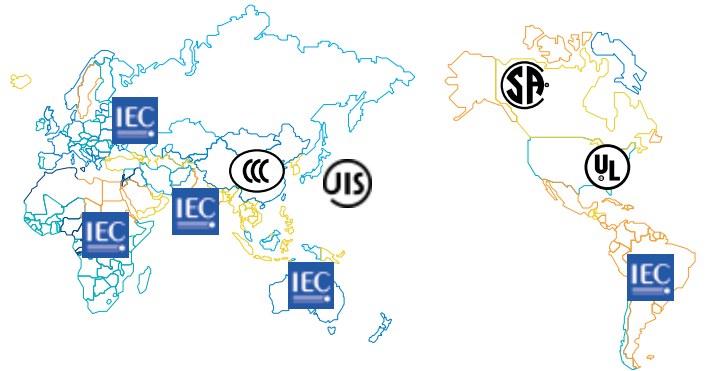


World Common MCCB Tmax Series

Compliant with domestic and foreign standards

- IEC 60947-2, CCC, UL 489, CSA C22.2, JIS C 8201-2-1 Annex 1, Annex 2

AC600V (UL489)



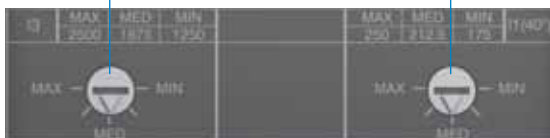
For versatile applications

- **Thermomagnetic trip unit TMF (fixed rated current)**
- **Adjustable thermomagnetic trip unit TMA (0.7-1.0 * In for overloads, 5-10 * In for instantaneous)**
Available up to 800A
- **Electronic trip unit Ekip**
Offers adjustable protections for all of overload, short-circuit with delay, and instantaneous short circuit
- **MCP with magnetic only trip unit (MA)**
A perfect solution for motor protection
- **PR332, the most advanced trip unit for T7 series**
Offers protection for all cases; reverse power, phase unbalance, over/undervoltage, and more.

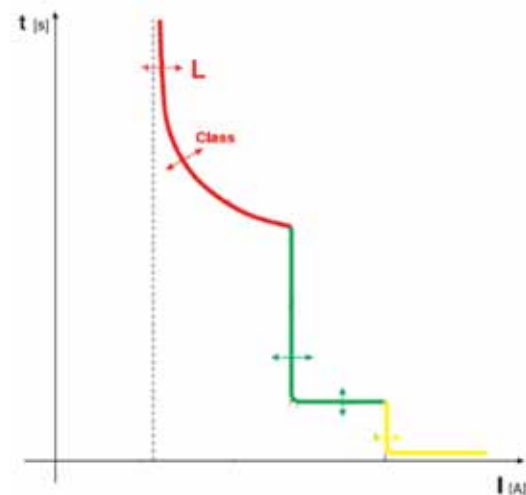
TMA

Instantaneous trip configuration

Rated current configuration



Ekip



Advanced protection allows adjustment of trip characteristic according to the load

World Common MCCB Tmax Series

Wide range of options

- in addition to aux/alarm contacts and (under)voltage release, we have options such as:

IP54 compliant extension handle



NEMA compliant flange handle



Current display

- Ekip Display



- Ekip LED



T7 series (1200A): High breaking capacity in compact dimensions



T7	toggle-operated MCCB
T7M	spring-charged MCCB
Poles	3P, 4P
Icu	AC600V - 25kA, 50kA, 65kA
Terminals	front, rear, withdrawable
Mech. life	10,000 operations
Trip feature	electronic

- Dip switch type



- Display type



Electrical characteristics

MCCB (IEC 60947-2, CCC, UL 489, CSA C22.2, JIS C 8201-2-1 Annex 1, Annex 2)

Type		XT1 125 (G)					XT2 125 (G)					XT3 225 (G)			XT4 250 UL (G)			
In [A]		15 - 125 TM					15 - 125 TM 10 - 125 ELT					60 - 225 TM			25 - 250 TM 40 - 250 ELT			
Uimp		8kV					8kV					8kV			8kV			
Ui		800V					800V					800V			800V			
Breaking capacity JIS C 8201-1 Annex 1, 2	Version	N	S	H	N	S	H	L	V	N	S	N	S	H	L	V		
																	440V	lcu
	lcs	25	32.5	32.5	25	35	65	100	150	18	18	25	35	65	100	150		
	600V	lcu	6	8	10	10	12	15	18	20	5	6	10	12	15	20	25	
lcs		4	4	5	10	12	15	15	15	3	3	10	12	15	20	20		
Category		A					A					A			A			

Type		T5 400 (G)					T6 800 (G)					T7 1200 (G)		
In [A]		300 - 400 TM 300 - 400 ELT					600 - 800 TM 600 - 800 ELT					400 - 600 - 800 - 1000 - 1200 (ELT)		
Uimp		8kV					8kV					8kV		
Ui		1000V					1000V					1000V		
Breaking capacity JIS C 8201-1 Annex 1, 2	Version	N	S	H	L	V	N	S	H	L	S	H		
													440V	lcu
	lcs	25	35	65	100	150	35	50	65	50	50	65		
	600V	lcu	20	25	40	70	80	20	22	25	30	30	42	
lcs		20	25	40	70	80	15	16.5	18.5	22.5	30	31.5		
Category		B					B					B		
Iow 1sec at 600Vac		5					10					20		

MCS (IEC 60947-3, CCC, UL 489, CSA C22.2, JIS C 8201-3 Annex 1, Annex 2)

Type		XT1H-D 125 (G)	XT2H-D 125 (G)	XT3S-D 225 (G)	XT4L-D 250 (G)	T5V-D 400 (G)	T6H-D 800 (G)	T7(M)H-D 1200 (G)
Poles		3,4	3,4	3,4	3,4	3,4	3,4	3,4
Ith [A]		125	125	225	250	400	800	1200
400-440V	AC23-A (Ie)	125	125	200	200	400	800	1200
600V	AC23-A (Ie)	125	125	200	200	400	800	1200
400-440V	AC22-A (Ie)	125	125	225	250	-	-	-
600V	AC22-A (Ie)	125	125	225	250	-	-	-
250V	DC23-A (Ie)	125	125	200	200	-	-	-
250V	DC22-A (Ie)	125	125	225	250	-	-	-
Iow 1s		1.5 kA	1.5 kA	2.7 kA	3.0 kA	5 kA	10 kA	20 kA

TM: thermomagnetic trip unit/ELT: electronic trip unit

Purchased from:

ABB K.K.
Low Voltage Products Division

Cerulean Tower 14F
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Tel: 03-5784-6257
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www.abb.com

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