



SACE® Tmax® XT molded case circuit breakers — UL/CSA

Break new ground



MOLDED CASE CIRCUIT BREAKERS

	XT1				XT2				XT3				XT4				XT5				XT6			XT7				XT7M									
Frame size (A)	125				125				225				250				400/600				800			800/1000/1200				800/1000/1200									
Poles	3, 4				3, 4				3, 4				3, 4				3, 4				3, 4			3, 4				3, 4									
Versions	Fixed, Plug-in, ReliaGear Plug-in				Fixed, Plug-in, Withdrawable, ReliaGear Plug-in				Fixed, Plug-in				Fixed, Plug-in, Withdrawable, ReliaGear Plug-in				Fixed, Plug-in, Withdrawable, ReliaGear Plug-in				Fixed, Withdrawable, ReliaGear Plug-in			Fixed, Withdrawable, ReliaGear Plug-in				Fixed, Withdrawable, ReliaGear Plug-in									
Interrupt rating (kA)	N	S	H		N	S	H	L	V	X ^{1,2}	N	S			N	S	H	L	V	X ²	N	S	H	L	V	X ²	N	S	H		S		H	L			
240 V AC	50	65	100		65	100	150	200	200	200	50	65			65	100	150	200	200	200	65	100	150	200	200	200	65	100	200		65		100	200	65	100	200
480 V AC	25	35	65		25	35	65	100	150	200	25	35			25	35	65	100	150	200	35	50	65	100	150	200	35	50	65		50		65	100	50	65	100
600V/347 V AC	18	22	25		–	–	–	–	–	–	10	10			–	–	–	–	–	–	–	–	–	–	–	–	–	–	–		–		–	–	–	–	
600 V AC	–	–	–		18	22	25	35	42	42	–	–			18	25	35	65	100	100	18	25	35	65	100	100	20	25	35		25		50	65	25	50	65
Trip units	TMF	✓			✓						✓						–						–						–								
	TMA	–			✓						–						✓						✓						–								
	Ekip Dip	–			✓						–						✓						✓						✓								
	Ekip Touch	–			✓						–						✓						✓						–								
Molded Case Switch (MCS)	✓				✓						✓						✓						✓						✓ ³								

1 - Only available with TM trip units
2 - Not available with Molded Case Switch (MCS)
3 - Molded Case Switch (MCS) not available for XT7/XT7M 800 A frame sizes

MOTOR PROTECTION

Frame size (A)	125				125				225				250				400/600				800				800/1000/1200				800/1000/1200			
Poles	3				3				3				3				3				3				3				3			
Versions	Fixed, Plug-in				Fixed, Plug-in, Withdrawable				Fixed, Plug-in				Fixed, Plug-in, Withdrawable				Fixed, Plug-in, Withdrawable				Fixed, Withdrawable				Fixed, Withdrawable				Fixed, Withdrawable			
Interrupt rating (kA)	H				H L V				S				H L V X				N S H L V X				N S H				S H L				S H L			
Trip units	MA (MCP)				✓	✓	✓	–	✓	✓	✓	–	–	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–	–	–	–	–			
	Ekip M Dip I (MCP)				–	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
	Ekip M Dip LIU (MCP)				–	✓	✓	✓	–	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	–	–	–				
	Ekip M Touch LRIU (MPCB)				–	✓	✓	✓	–	–	✓	✓	✓	✓	✓	✓	✓	✓	–	–	–	✓	✓	✓	✓	✓	✓	✓				

Note: Please view other side for ordering code explanation.



SACE® Tmax® XT
web page



Product catalog



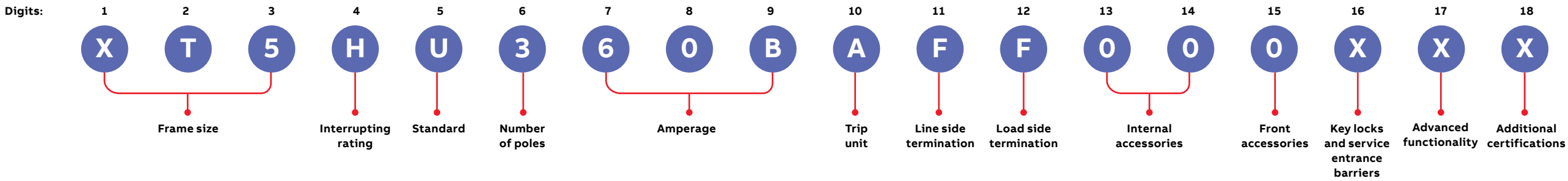
Mt. Juliet stocking guide

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SACE® Tmax® XT molded case circuit breakers — UL/CSA

XT1–XT7 ordering code breakdown



(4) INTERRUPTING RATING — KA AT 480 V AC

Digits	XT1	XT2	XT3	XT4	XT5	XT6	XT7
N	25	25	25	25	35	35	–
S	35	35	35	35	50	50	50
H	65	65	–	65	65	65	65
L	–	100	–	100	100	–	100
V	–	150	–	150	150	–	–
X	–	200	–	200	200	–	–

(5) STANDARDS

Digits	Description
U	UL 80%
O	UL 100%
B	UL 80% with BABA (XT2/XT4/XT5/XT7 only)
T	UL 100% with BABA (XT2/XT4/XT5/XT7 only)
H	UL 489 SB

(7–9) AMP FRAME

XT1–XT4	XT5–XT7
Digits	Digits
Amps	Amps
0 1 0	2 5 A
0 1 5	300 A (XT5)
0 2 0	400 A (XT5)
0 2 5	500 A (XT5)
0 3 0	600 A (XT5)
0 3 5	600 A (XT6)
0 4 0	600 A (XT7)
0 4 5	800 A (XT6)
0 5 0	800 A (XT7)
0 6 0	1000 A (XT7)
0 7 0	1200 A (XT7 UL)
0 8 0	
0 9 0	
1 0 0	
1 1 0	
1 2 5	
1 5 0	
1 7 5	
2 0 0	
2 2 5	
2 5 0	

(10) TRIP UNIT

Digits	Description	Digits	Description
A	TMF	U	Ekip M Dip I (XT5, XT6 and XT7)
B	TMA	M	MA (MCP)
D	MCS	P	Ekip Touch LSI
E	Ekip Dip LS/I	O	Ekip Touch LSiG
1	Ekip Dip LSI (XT2 and XT4)	T	Ekip Touch Measuring LSI
F	Ekip Dip LSI (XT5, XT6 and XT7)	S	Ekip Touch Measuring LSiG
2	Ekip Dip LSiG (XT2 and XT4)	Y	Ekip Hi-Touch LSI
G	Ekip Dip LSiG (XT5, XT6 and XT7)	U	Ekip Hi-Touch LSiG
3	Ekip M Dip I (XT2 and XT4)		

(11–12) LINE AND LOAD SIDE TERMINALS

Factory-assembled terminal kits	Terminal kits	Ordering code
Digits		
XT1		
F	F front terminals, no lug installed	KXT1F-3PC
A	FC Cu terminal for Cu cables 14–1/0 AWG	KXT1CU-3PC
D	FC CuAl terminals for CuAl cables 10–2/0 AWG	KXT1CUAL1-3PC
Z	Multi-cable terminal for Cu cables 6x14–2 AWG	KXT1MC-3PC
XT2		
F	F front terminals, no lug installed	KXT2F-3PC
A	FC Cu terminal for Cu cables 14–1/0 AWG	KXT2CU-3PC
B	FC CuAl terminals for CuAl cables 14–1/0 AWG	KXT2CUAL1-3PC
D	FC CuAl terminals for CuAl cables 10–2/0 AWG	KXT2CUAL2-3PC
Z	Multi-cable terminal for Cu cables 6x14–2 AWG	KXT2MC-3PC
XT3		
F	F front terminals, no lug installed	KXT3F-3PC
D	FC CuAl terminals for CuAl cables 14–1/0 AWG	KXT3CUAL1-3PC
Z	Multi-cable terminal for Cu cables 6x12–2 AWG	KXT3MC-3PC
3	FC CuAl terminals for CuAl cables 4 AWG–300 kcmil	KXT3CUAL2-3PC
XT4		
F	F front terminals, no lug installed	KXT4F-3PC
D	FC CuAl terminals for CuAl cables 14–1/0 AWG	KXT4CUAL1-3PC
Z	Multi-cable terminal for Cu cables 6x12–2 AWG	KXT4MC-3PC
3	FC CuAl terminals for CuAl cables 4 AWG–300 kcmil	KXT4CUAL2-3PC
6	FC CuAl terminals for CuAl cables 3/0 AWG–350 kcmil	KXT4CUAL4-3PC

Factory-assembled terminal kits	Terminal kits	Ordering code
Digits		
XT5		
F	F front terminals, no lug installed	KXT5F-3PC
B	FC CuAl 1x4/0–500 kcmil	KXT5CUAL500K-3PC
N	FC CuAl 2x2/0 AWG–500 kcmil	KXT5CUAL2X500K-3PC
S	FC CuAl 2x500–750 kcmil	KXT5CUAL2X750KC-3
Z	MC CuAl 6x14–1/0 AWG	KXT5MC-3PC
4	FC CuAl 2x500 kcmil with control tap	KXT5CUAL2X500KC-3
XT6		
F	F front terminals, no lug installed	KXT6F-3PC
B	FC CuAl 2x500 kcmil with control tap	KXT6CUAL2X500KC-3
T	FC CuAl 2x250–500 kcmil	KXT6CUAL2X500K-3PC
U	FC CuAl 3x2/0 AWG–400 kcmil (XT6)	KXT6CUAL3X400K-3PC
XT7		
F	F front terminals, no lug installed	ZE1FF
W	FC CuAl 4x4/0 AWG–500 kcmil	KXT7CUAL4X500K-3PC
X	FC CuAl 3x 500–750 kcmil	KXT7CUAL3X750KC-3

(13–14) INTERNAL ACCESSORIES

Factory assembled	XT1–XT4	XT5	XT6	XT7
U O	None	–	–	–
Shunt trip, open				
A O	12 V DC (XT1–XT6); 24 V AC/DC (XT7)	KXTASORCFPA	KXTFYOCFPA	KXTFYOCFPA
B O	24–30 V AC/DC (XT1–XT4); 24–60 V AC/DC (XT5, XT6); 48 V AC/DC (XT7)	KXTASORCFPB	KXTFYOCFPB	KXTFYOCFPB
D O	110–127 V AC/110–125 V DC (XT1–XT4); 110–240 V AC, 110–250 V DC (XT5, XT6); 110–120 V AC/DC (XT7)	KXTASORCFPD	KXTFYOCFPD	KXTFYOCFPD
E O	220–240 V AC/220–250 V DC (XT1–XT4); 120–127 V AC/DC (XT7)	KXTASORCFPE	–	ZEASF
F O	380–440 V AC (XT1–XT6); 220–240 V AC/DC (XT7)	KXTASORCFPF	KXTFYOCFPF	ZEASG
G O	480–525 V AC (XT1–XT4); 240–250 V AC/DC (XT7)	KXTASORCFPG	–	ZEASH
Undervoltage release				
1 O	24–30 V AC/DC (XT1–XT6); 24 V AC/DC (XT7)	KXTAUVRCPF1	KXTFYUC1	KXTFYUC1
4 O	110–127 V AC; 110–125 V DC (XT1–XT6); 110–120 V AC/DC (XT7)	KXTAUVRCPF4	KXTFYUC4	KXTFYUC4
Auxiliary contacts				
O A	AUX-C 1Q+1SY 250 V AC/DC (XT1–XT6); AUX 4Q 400 V AC (XT7)	KXTAAXCQSYFP	KXTAAXCQSYFP	KXTAAXCQSYFP
O B	AUX-C 2Q+1SY 250 V AC/DC (XT1–XT6); AUX 4Q 24 V DC (XT7)	KXTAAXC2QSYFP	KXTAAXC2QSYFP	KXTAAXC2QSYFP
O C	AUX-C 3Q+1SY 250 V AC/DC (XT2–XT6); AUX 2Q 400 V AC + 2Q 24 V DC (XT7)	–	KXTDAXC3QSYFP	KXTDAXC3QSYFP
O D	AUX-C 3Q+2SY 250 V AC/DC (XT2, XT4); AUX 1552 24 V DC (XT7)	–	KXTCAXC3Q2SYFP	–
O G	AUX-C 1Q+1SY 24 V DC (XT1–XT6); AUX 1SY 400 V AC (XT7)	KXTAAXCDQSYFP	KXTAAXCDQSYFP	KXTAAXCDQSYFP
O H	AUX-C 3Q+1SY 24 V DC (XT2–XT6); S51 250 V AC (XT7)	–	KXTDAXCD3QSYFP	KXTDAXCD3QSYFP
Ekip Signalling				
C O	Ekip Signalling 1K-1 (XT5)	KXT5EKIP1KFP		
E O	Ekip Maintenance Module (XT5)	KXT5EKIPMM		
H O	1 x Ekip Signalling 2k-1 + Supply 24–48 V DC (XT7)	–		ZEAK1 + ZEAPWRS
P A	Ekip RELT + Supply 24–48 V DC (XT7)	–		ZEB2K3 + ZEAPWRS
P S	Ekip RELT + Supply 110–240 V AC/DC (XT7)	–		ZEB2K3 + ZEAPWRS
L O	Ekip Supply 24–48 V DC (XT7)	–		ZEAPWRS
M O	Ekip Supply 110–240 V AC/DC (XT7)	–		ZEAPWRS
Ekip communication modules				
O 4	Ekip COM Modbus RTU	KXTCCOMIMBRS	KXT5COMIMBRS	–
O 5	Ekip COM Modbus TCP	KXTCCOMIMBTCP	KXT5COMIMBTCP	–
Y O	Ekip COM Modbus RTU + Supply 24–48 V DC	–	–	KXTTCOMEMBRS + ZEAPWRS
Z O	Ekip COM Modbus TCP + Supply 24–48 V DC	–	–	KXTTCOMEMBTCP + ZEAPWRS

(15) FRONT ACCESSORIES

Factory assembled	XT1	XT2	XT3	XT4	XT5	XT6	XT7
X	None	–	–	–	–	–	–
A	Motor operator 24 V DC	KXTBMOD24	KXTCMOE24	KXTBMOD24	KXTCMOE24	KXT5MOE24F	KXT6MOE24F
C	Motor operator 110–125 V AC/DC	KXTBMOD110-125	KXTCMOE110-125	KXTBMOD110-125	KXTCMOE110-125	KXT5MOE110-125F	KXT6MOE110-125F
D	Motor operator 220–250 V AC/DC	KXTBMOD220-250	KXTCMOE220-250	KXTBMOD220-250	KXTCMOE220-250	KXT5MOE220-250F	KXT6MOE220-250F
G	PLL fixed padlock device in open/closed position	KXTBPLLOPLC	KXTCPLLOPLC	KXTBPLLOPLC	KXTCPLLOPLC	KXT5PLLOPLC	KXT6PLLOPLC
H	PLL fixed padlock device in open position	KXTBPLLOP	KXTCPLLOP	KXTBPLLOP	KXTCPLLOP	KXT5PLLOP	KXT6PLLOP
I	RHE standard transmitted handle	KXTBRHESTF	KXTCRHESTF	KXTBRHESTF	KXTCRHESTF	KXT5RHESTF	KXT6RHESTF
J	PLL removable padlock device in open position (XT1, XT3, XT5, XT6)	KXTBPLREM	–	KXTBPLREM	–	KXT5PLREM	KXT6PLREM
K	FLD front for locking operating lever mechanism	–	KXTCFLDFP	–	KXTCFLDFP	KXT5FLDFP	KXT6FLDFP
L	RHD standard direct handle	KXTBRHDSFP	KXTCRHDSFP	KXTBRHDSFP	KXTCRHDSFP	KXT5RHDSFP	KXT6RHDSFP
O	RHE metallic base	KXTMRHESTF	KXTMRHESTF	KXTMRHESTF	KXTMRHESTF	–	–

*Note: For XT7 — PLL metallic padlock device in open position

(16) KEY LOCKS

Factory assembled	XT1–XT4	XT5–XT6	XT7
X	None	–	–
A	Ronis key lock, open position — A type	KXT1KLCCBA	KXT7KLCCBA
B	Ronis key lock, open position — B type	KXT1KLCCBB	KXT7KLCCBB
C	Ronis key lock, open position — C type	KXT1KLCCBC	KXT7KLCCBC
D	Ronis key lock, open position — D type	KXT1KLCCBD	KXT7KLCCBD
E	Ronis key lock, open position — different keys	KXT1KLCCBDIF	KXT7KLCCBDIF
F	Ronis key lock, open/closed — different keys	KXT1KLCCBOPCL	KXT7KLCCBOPCL
G	KLC-A key lock open Kirk XT5–7	–	KXT7KLCAKIRK
H	KLC-A key lock open Ronis 1104 XT5–7	–	KXT7KLCA1104
3	KLC-A key lock open STI XT5–7	–	KXT7KLCASTI

Note: Refer to the BuyLog for Tmax XT7M ordering code breakdown

Note: Please consult compatibility of accessories from the catalog when ordering loose accessories.

Note: For more accessory combinations, please visit the empower Tmax XT product configurator

Note: The ordering codes listed are for loose accessory purchase. Please refer to the empower Tmax XT product configurator for accessorized breaker configurations.

