

Moulded-case circuit breakers for power distribution

Tmax XT



Electrical Characteristics		XT1					XT2			XT3		XT4			
Rated uninterrupted current, Iu		160 A.					160 A.			250 A.		250 A.			
No. of Pole		XT1B	XT1C	XT1N	XT1S	XT1H	XT2N	XT2S	XT2H	XT3N	XT3S	XT4N	XT4S	XT4H	
Breaking capacity, Icu															
(AC) 50-60Hz 220/230V	[kA]	25	40	65	85	100	65	85	100	50	85	65	85	100	
(AC) 50-60Hz 380/415V	[kA]	18	25	36	50	70	36	50	70	36	50	36	50	70	
(DC) 250V - 2 poles in series	[kA]	18	25	36	50	70	36	50	70	36	50	36	50	70	
(DC) 500V - 3 poles in series	[kA]	18	25	36	50	70	36	50	70	36	50	36	50	70	
Breaking capacity, Ics															
(AC) 50-60Hz 220/230V	[kA]	100%	100%	75%	75%	75%	100%	100%	100%	75%	50%	100%	100%	100%	
(AC) 50-60Hz 380V	[kA]	100%	100%	100%	100%	75%	100%	100%	100%	75%	50%	100%	100%	100%	
Rated service voltage, Ue															
(AC) 50-60Hz [V]		690	690	690	690	690	690	690	690	690	690	690	690	690	
(DC) [V]		500	500	500	500	500	500	500	500	500	500	500	500	500	
Overcurrent release/relay															
- TMD (ปรับตั้งกระแสใช้งานได้ตั้งแต่ 70-100% ของ In)		■	■	■	■	■				■	■				
Electronic release															
- Ekip LS/I							■	■	■			■	■	■	
- Ekip LSI							■	■	■			■	■	■	
- Ekip LSIG							■	■	■			■	■	■	
Basic dimensions															
Wide x Depth x Height [mm]		76.2 x 70 x 130					90 x 82.5 x 130			105 x 70 x 150		105 X 82.5 X 160			
ราคาต่อหน่วย - บาท (3 Poles fixed version)															
Thermomagnetic															
	16 A	3,490	3,610	4,180*	8,410*	9,930*									
	20 A	3,490	3,610	4,180*	8,410*	9,930*									
	25, 32, 40, 50 A	3,490	3,610	4,180	8,410	9,930									
	63, 80, 100 A	3,490	3,610	4,180	8,410	9,930				8,250	11,910				
	125, 160 A	4,410	4,520	5,780	9,340	10,860				8,250	11,910				
	200, 250 A									8,250	11,910				
Electronic release															
	63 A., 100 A., 160 A.						Ekip LS/I	Ekip LS/I	Ekip LS/I			Ekip LS/I	Ekip LS/I	Ekip LS/I	
							16,520	18,880	21,000			250 A.	23,010	25,960	29,140
	63 A., 100 A., 160 A.						Ekip LSI	Ekip LSI	Ekip LSI			250 A.	Ekip LSI	Ekip LSI	Ekip LSI
							35,990	40,120	44,840			250 A.	41,890	46,610	54,280
	63 A., 100 A., 160 A.						Ekip LSIG	Ekip LSIG	Ekip LSIG			250 A.	Ekip LSIG	Ekip LSIG	Ekip LSIG
							49,560	53,100	58,410			250 A.	60,770	65,480	72,560
ราคาอุปกรณ์เสริม - บาท (Accessories)															
Duty releases 220V 50Hz															
	Shunt opening releases	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	
	Undervoltage releases	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	3,890	
	Electronic Time Delay	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	8,910	
Electrical signalling															
Auxiliary contacts															
	1 Change over + 1 trip signal	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	2,230	
	2 Change over + 1 trip signal	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	
	3 Change over + 1 trip signal	-	-	-	-	-	2,710	-	-	2,710	2,710	2,710	2,710	2,710	
Motor operator 220V 50Hz.		19,860	19,860	19,860	19,860	19,860	40,120	40,120	40,120	19,860	19,860	40,120	40,120	40,120	
Operating mechanism and lock															
	Rotary handle (Direct)	2,340	2,340	2,340	2,340	2,340	2,360	2,360	2,360	2,340	2,340	2,360	2,360	2,360	
	Rotary handle (Door mounted)	3,380	3,380	3,380	3,380	3,380	3,410	3,410	3,410	3,380	3,380	3,410	3,410	3,410	
	Sided Rotary handle (Left or Right)	4,090	4,090	4,090	4,090	4,090	4,250	4,250	4,250	4,090	4,090	4,250	4,250	4,250	
	Key lock for circuit breaker/Rotary handle/motor operator	1,870	1,870	1,870	1,870	1,870	1,870	1,870	1,870	1,870	1,870	1,890	1,890	1,890	
Mechanical interlock		11,440	11,440	11,440	11,440	11,440	11,560	11,560	11,560	11,440	11,440	11,560	11,560	11,560	
Operating security															
	Removable PLL	1,630	1,630	1,630	1,630	1,630	-	-	-	1,630	1,630	-	-	-	
	Pad lock	1,630	1,630	1,630	1,630	1,630	1,640	1,640	1,640	1,630	1,630	1,640	1,640	1,640	
	Front Flange	-	-	-	-	-	1,640	1,640	1,640	-	-	1,640	1,640	1,640	
Residual current release															
	RC Instantaneous	18,560	18,560	18,560	18,560	18,560	-	-	-	19,270	19,270	-	-	-	
	RC Selective	20,900	20,900	20,900	20,900	20,900	-	-	-	21,030	21,030	-	-	-	
Accessories for electronic trip units (สำหรับรุ่น Ekip LSI และ LSIG)															
	Ekip LED meter	-	-	-	-	-	5,480	5,480	5,480	-	-	5,480	5,480	5,480	
	Ekip Display	-	-	-	-	-	5,480	5,480	5,480	-	-	5,480	5,480	5,480	

*เป็น Thermomagnetic แบบ TMF

Moduled-case circuit breaker for power distribution

Tmax XT5



Electrical Characteristics		XT5								
Rated uninterrupted current, I _u	[A]	320 A.			400 A.			630 A.		
		XT5N	XT5H	XT5N	XT5S	XT5H	XT5N	XT5S	XT5H	
No. of Pole	[No.]	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Breaking capacity, I _{cu}	(AC) 50-60Hz 220/230V	70	100	70	85	100	70	85	100	
	(AC) 50-60Hz 380/415V	36	70	36	50	70	36	50	70	
Breaking capacity, I _{cs}	220/230/380/400/415 Vac	100%	100%	100%	100%	100%	100%	100%	100%	
	Rated service voltage, U _e	[V]	690	690	690	690	690	690	690	690
Overcurrent release/relays										
Trip Unit Type										
Thermo Magnetic (TMA)										
Ekip Dip LS/I										
Ekip Dip LSIG										
Ekip Touch LSI										
Ekip Touch LSIG										
Basic dimensions										
L x H x P										
ราคาต่อหน่วย - บาท (3 Poles fixed Version)										
Thermomagnetic										
TMA										
Ekip Dip LS/I										
Ekip Dip LSIG										
Ekip Touch LSI										
Ekip Touch LSIG										
อุปกรณ์เสริม - บาท (Accessories)										
Duty releases 220V 50Hz										
Shunt opening releases										
Undervoltage releases										
Electronic time-delay										
Auxiliary contacts for XT6										
1 Change Over + 1 Trip Signal (1Q+1SY)										
3 Change Over + 1 Trip Signal (3Q + 1SY)										
Auxiliary contacts for XT7										
4 Change Over (4Q)										
1 Trip Signal (SY)										
1 Trip Signal (SA)										
Motor operator 220V 50Hz.										
Operating mechanism and lock										
Rotary handle (Direct)										
Rotary handle (Door mounted)										
Rear Mechanical interlock										
Operating security										
Key lock for front flange / rotary handle										
Key lock for motor operator										
Front flange										
ATS Controller ATS022										

Moduled-case circuit breaker for power distribution

Tmax XT6, XT7



Electrical Characteristics		XT6			XT7					
Rated uninterrupted current, I _u	[A]	800 A.	800 A.	800 A.	1000 A.	1000 A.	1250 A.	1250 A.	1600 A.	1600 A.
		XT6N	XT6S	XT6H	XT7S	XT7H	XT7S	XT7H	XT7S	XT7H
No. of Pole	[No.]	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Breaking capacity, I _{cu}	(AC) 50-60Hz 220/230V	70	85	100	85	100	85	100	85	100
	(AC) 50-60Hz 380/415V	36	50	70	50	70	50	70	50	70
Breaking capacity, I _{cs}	220/230/380/400/415 Vac	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Rated service voltage, U _e	[V]	690	690	690	690	690	690	690	690
Overcurrent release/relays										
Microprocessor										
Ekip Dip LS/I										
Ekip Dip LSIG										
Ekip Touch LSI										
Ekip Touch LSIG										
Basic dimensions										
L x H x P										
ราคาต่อหน่วย - บาท (3 Poles fixed Version)										
Electronic Release (Dip switch)										
Ekip Dip LS/I										
Electronic Release with ground fault protection (Dip switch)										
Ekip Dip LSIG										
Electronic Release (Touch)										
Ekip Touch LSI										
Electronic Release with ground fault protection (Touch)										
Ekip Touch LSIG										
อุปกรณ์เสริม - บาท (Accessories)										
Duty releases 220V 50Hz										
Shunt opening releases										
Undervoltage releases										
Electronic time-delay										
Auxiliary contacts for XT6										
1 Change Over + 1 Trip Signal (1Q+1SY)										
3 Change Over + 1 Trip Signal (3Q + 1SY)										
Auxiliary contacts for XT7										
4 Change Over (4Q)										
1 Trip Signal (SY)										
1 Trip Signal (SA)										
Motor operator 220V 50Hz.										
Operating mechanism and lock										
Rotary handle (Direct)										
Rotary handle (Door mounted)										
Rear Mechanical interlock										
Operating security										
Front flange										
Key Lock for Front Flange / Rotary Handle										
Key Lock for Motor Operator										
Key Lock in Open Position Key										
ATS Controller ATS022										