

Product Selection

XT Electronic Manual Motor Protector

B Frame



MMP Base

Maximum Amperage	UL/CSA Maximum Three-Phase hp Ratings				IEC Maximum Motor kW Ratings						Base Unit	
	200V	240V	480V	600V	220V 230V 240V	380V 400V 415V	440V	500V	600V 690V	Type Number	Catalog Number	
	12	3	3	7.5	10	3	5.5	5.5	5.5	7.5	PKE12	XTPE012B
32	5	7.5	15	20	7.5	15	15	18.5	30	PKE32	XTPE032B	
65	15	15	40	40	18.5	30	37	45	55	PKE65	XTPE065D	

B Frame



MMP Trip Units

Overload Release Setting Amp Range	For Use with Base Catalog Number	UL/CSA Maximum Three-Phase hp Ratings				IEC Maximum Motor kW Ratings					Trip Unit	
		200V	240V	480V	600V	220V 230V 240V	380V 400V 415V	440V	500V	600V 690V	Type Number	Catalog Number
		0.3–1.2	XTPE012B	①	①	0.5	0.5	0.18	0.37	0.37	0.37	0.75
1–4	XTPE012B	0.75	0.75	2	3	0.75	1.5	1.5	2.2	3	PKE-XTU-4	XTPEXT004B
3–12	XTPE012B XTPE032B	3	3	7.5	10	3	5.5	5.5	5.5	7.5	PKE-XTU-12	XTPEXT012B
8–32	XTPE032B	5	7.5	15	20	7.5	15	15	18.5	30	PKE-XTU-32	XTPEXT032B
8–32	XTPE065D	7.5	7.5	20	25	7.5	15	15	18.5	30	PKE-XTUW-32	XTPEXT032D
16–65	XTPE065D	15	15	40	40	18.5	30	37	45	55	PKE-XTU-65	XTPEXT065D

B Frame



MMP Advanced Trip Units Used with SmartWire-DT

Overload Release Setting Amp Range	For Use with Base Catalog Number	UL/CSA Maximum Three-Phase hp Ratings				IEC Maximum Motor kW Ratings					Trip Unit	
		200V	240V	480V	600V	220V 230V 240V	380V 400V 415V	440V	500V	600V 690V	Type Number	Catalog Number
		0.3–1.2	XTPE012B	①	①	0.5	0.5	0.18	0.37	0.37	0.37	0.75
1–4	XTPE012B	0.75	0.75	2	3	0.75	1.5	1.5	2.2	3	PKE-XTUA-4	XTPEXTA004B
3–12	XTPE012B XTPE032B	3	3	7.5	10	3	5.5	5.5	5.5	7.5	PKE-XTUA-12	XTPEXTA012B
8–32	XTPE032B	5	7.5	15	20	7.5	15	15	18.5	30	PKE-XTUA-32	XTPEXTA032B
8–32	XTPE065D	7.5	7.5	20	25	7.5	15	15	18.5	30	PKE-XTUWA-32	XTPEXTA032D
16–65	XTPE065D	15	15	40	40	18.5	30	37	45	55	PKE-XTUA-65	XTPEXTA065D

D Frame



MMP Complete Assembly

Overload Release Setting Amp Range	UL/CSA Maximum Three-Phase hp Ratings				IEC Maximum Motor kW Ratings					Complete Manual Motor Protector	
	200V	240V	480V	600V	220V 230V 240V	380V 400V 415V	440V	500V	600V 690V	Type Number	Catalog Number
	0.3–1.2	①	①	0.5	0.5	0.18	0.37	0.37	0.37	0.75	PKE12/XTU-1,2
1–4	0.75	0.75	2	3	0.75	1.5	1.5	2.2	3	PKE12/XTU-4	XTPE004BCS
3–12	3	3	7.5	10	3	5.5	5.5	5.5	7.5	PKE12/XTU-12	XTPE012BCS
8–32	5	7.5	15	20	7.5	15	15	18.5	30	PKE32/XTU-32	XTPE032BCS
8–32	7.5	7.5	20	25	7.5	15	15	18.5	30	PKE65/XTUW-32	XTPE032DCS
16–65	15	15	40	40	18.5	30	37	45	55	PKE65/XTU-65	XTPE065DCS

Note

① In this range, calculate motor rating according to rated current. Specified values to NEC 430.6 (A) (1).

B Frame

MMP Used with SmartWire-DT—Complete Assembly



Overload Release Setting Amp Range	UL/CSA Maximum Motor hp Ratings				IEC Maximum Motor kW Ratings					Complete Manual Motor Protector	
	200V	230V	460V	575V	220V 230V 240V	380V 400V 415V	440V	500V	600V 690V	Type Number	Catalog Number
	0.3–1.2	①	①	0.5	0.5	0.18	0.37	0.37	0.37	0.75	PKE12/XTUA-1,2
1–4	0.75	0.75	2	3	0.75	1.5	1.5	2.2	3	PKE12/XTUA-4	XTPE04BCA
3–12	3	3	7.5	10	3	5.5	5.5	5.5	7.5	PKE12/XTUA-12	XTPE012BCA
8–32	5	7.5	15	20	7.5	15	15	18.5	30	PKE32/XTUA-32	XTPE032BCA

UL 508 Type E XT Electronic Combination Motor Controllers—Complete Assembly Including Trip Unit

B Frame

B Frame Electronic MMP with C Frame Contactor



Overload Release Setting Amp Range	UL/CSA Maximum Three-Phase hp Ratings					Maximum Single-Phase hp Ratings			Catalog Number Standard	Catalog Number With SmartWire-DT
	200V	240V	380V/ 415V	480V/ 277V	600V/ 347V	115V	200V	240V		
0.3–1.2	①	①	①	①	0.5	①	①	①	XTFCE1P2BCCS_③	XTFCE1P2BCCATD ③
1–4	0.75	0.75	1.5	2	—	0.125	0.25	0.33	XTFCE004BCCS_④	XTFCE004BCCATD ④
3–12	3	3	5	7.5	—	0.5	1	1.5	XTFCE012BCCS_④	XTFCE012BCCATD ④
8–32	5	5	10	15	—	1.5	3	3	XTFCE032BCCS_④	XTFCE032BCCATD ④

Notes

- ① In this range, calculate motor rating according to rated current. Specified values to NEC 430.6 (A) (1).
- ② Complete the catalog number by replacing the underscore (_) with the coil suffix from **Page V5-T1-240**.
- ③ SCCR: 14 kA, 600 Vac
- ④ SCCR: 18 kA, 480 Vac