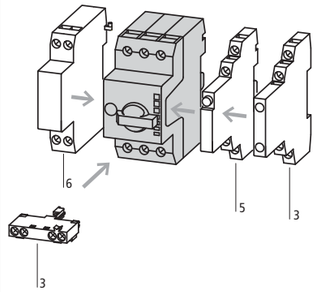
Max. motor rating AC-3 220 V 230 V 240 V P kW	380 V 400 V 415 V P kW	440 V P kW	500 V P kW	660 V 690 V P kW	Rated uninterrupted current I_u A	Setting range Overload releases I_r A	Short-circuit releases I_{rm} A	Screw terminals Part no. Article no.	Price See price list	Std. pack
Motor-protective circuit-breakers for starter combinations										
Short-circuit protective breakers without overload function										
–	–	–	–	0.06	0.16		2.2	**PKM0-0,16** 072720		1 off
–	0.06	0.06	0.06	0.12	0.25		3.5	**PKM0-0,25** 072721		
0.06	0.09	0.12	0.12	0.18	0.4		5.6	**PKM0-0,4** 072722		
0.09	0.12	0.18	0.25	0.25	0.63		8.8	**PKM0-0,63** 072723		
0.12	0.25	0.25	0.38	0.55	1		14	**PKM0-1** 072724		
0.25	0.37	0.55	0.75	1.1	1.6		22	**PKM0-1,6** 072725		
0.37	0.75	1.1	1.1	1.5	2.5		35	**PKM0-2.5** 072726		
0.75	1.5	1.5	2.2	3	4		56	**PKM0-4** 072727		
1.1	2.2	3	3	4	6.3		88	**PKM0-6,3** 072728		
2.2	4	4	4	7.5	10		140	**PKM0-10** 072729		
3	5.5	5.5	5.5	11	12		168	**PKM0-12** 278490		
4	7.5	9	9	12.5	16		224	**PKM0-16** 044502		
5.5	9	11	12.5	15	20		280	**PKM0-20** 203594		
5.5	12.5	12.5	15	22	25		350	**PKM0-25** 044503		
7.5	15	15	22	30	32		448	**PKM0-32** 278491		
Transformer-protective circuit-breakers										
–	–	–	–	–	0.16	0.1…0.16	2.4	**PKZM0-0,16-T** 088907		1 off
–	–	–	–	–	0.25	0.16…0.25	4.25	**PKZM0-0,25-T** 088908		
–	–	–	–	–	0.4	0.25…0.4	6.8	**PKZM0-0,4-T** 088909		
–	–	–	–	–	0.63	0.4…0.63	12	**PKZM0-0,63-T** 088910		
–	–	–	–	–	1	0.63…1	20	**PKZM0-1-T** 088911		
–	–	–	–	–	1.6	1…1.6	32	**PKZM0-1,6-T** 088912		
–	–	–	–	–	2.5	1.6…2.5	50	**PKZM0-2.5-T** 088913		
–	–	–	–	–	4	2.5…4	84	**PKZM0-4-T** 088914		
–	–	–	–	–	6.3	4…6.3	141	**PKZM0-6,3-T** 088915		
–	–	–	–	–	10	6.3…10	224	**PKZM0-10-T** 088916		
–	–	–	–	–	12	8…12	224	**PKZM0-12-T** 278492		
–	–	–	–	–	16	10…16	280	**PKZM0-16-T** 088917		
–	–	–	–	–	20	16…20	350	**PKZM0-20-T** 088918		
–	–	–	–	–	25	20…25	437	**PKZM0-25-T** 278493		

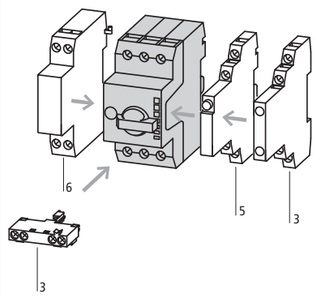
Notes



When using the PKM0 as short-circuit protection for motors with heavy starting duty, a device must be selected whose rated operational current I_e is higher by the following factors:
CLASS 5 = 1.0
CLASS 10 = 1.0
CLASS 15 = 1.22
CLASS 20 = 1.41
CLASS 25 = 1.58
CLASS 30 = 1.73
CLASS 35 = 1.89
CLASS 40 = 2.0

Accessories	Page
3 Standard auxiliary contacts	→ 7/10
5 Trip-indicating auxiliary contact	→ 7/12
6 Shunt release, undervoltage release	→ 7/29
Additional accessories	→ 2/46

Can be snap-fitted to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height
Assignment of the short-circuit protective breakers and contactors in “Fuseless motor-starter combinations” section.
An appropriate overload relay must be fitted to protect motors against overload.



Accessories	Page
3 Standard auxiliary contacts	→ 7/10
5 Trip-indicating auxiliary contact	→ 7/12
6 Shunt release, undervoltage release	→ 7/29

For the protection of transformers with a high inrush current
Can be snap-fitted to IEC/EN 60715 top-hat rail with 7.5 or 15 mm height
Phase failure sensitivity to IEC/EN 60947-4-1, VDE 0660 Part 102.