

# MPCBs MPX<sup>3</sup>

motor protection circuit breakers from 0.16 A to 100 A



Technical characteristics and dimensions p. 272 to 277

Conform to IEC 60947-1, IEC 60947-2, IEC 60947-4 ; class 10

Pack	Cat.Nos	Thermal magnetic MPCBs			
		Adjustable thermal release Magnetic release 13 le max.			
		<b>MPX<sup>3</sup> 32S</b> Standard breaking capacity With toggle handle Fixing on rail			
		3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
	3P				
1	4 173 00	0.02	0.1 to 0.16	2.1	100
1	4 173 01	0.06	0.16 to 0.25	3.3	100
1	4 173 02	0.09	0.25 to 0.4	5.2	100
1	4 173 03	0.12	0.4 to 0.63	8.2	100
1	4 173 04	0.18/0.25	0.63 to 1	13	100
1	4 173 05	0.37/0.55	1 to 1.6	20.8	100
1	4 173 06	0.75	1.6 to 2.5	32.5	100
1	4 173 07	1.5	2.5 to 4	52	100
1	4 173 08	2.2	4 to 6	78	100
1	4 173 09	3	5 to 8	104	100
1	4 173 10	4	6 to 10	130	50
1	4 173 11	5.5	9 to 13	169	50
1	4 173 12	7.5	11 to 17	221	20
1	4 173 13	7.5	14 to 22	286	15
1	4 173 14	11	18 to 26	338	15
1	4 173 15	15	22 to 32	416	15
		<b>MPX<sup>3</sup> 32H</b> High breaking capacity With rotary handle Fixing on rail			
1	4 173 20	0.02	0.1 to 0.16	2.1	100
1	4 173 21	0.06	0.16 to 0.25	3.3	100
1	4 173 22	0.09	0.25 to 0.4	5.2	100
1	4 173 23	0.12	0.4 to 0.63	8.2	100
1	4 173 24	0.18/0.25	0.63 to 1	13	100
1	4 173 25	0.37/0.55	1 to 1.6	20.8	100
1	4 173 26	0.75	1.6 to 2.5	32.5	100
1	4 173 27	1.5	2.5 to 4	52	100
1	4 173 28	2.2	4 to 6	78	100
1	4 173 29	3	5 to 8	104	100
1	4 173 30	4	6 to 10	130	100
1	4 173 31	5.5	9 to 13	169	100
1	4 173 32	7.5	11 to 17	221	50
1	4 173 33	7.5	14 to 22	286	50
1	4 173 34	11	18 to 26	338	50
1	4 173 35	15	22 to 32	416	50
		<b>MPX<sup>3</sup> 63H</b> High breaking capacity With rotary handle Fixing on rail  or by screw			
1	4 173 60	4	6 to 10	130	100
1	4 173 61	5.5	9 to 13	169	100
1	4 173 62	7.5	11 to 17	221	50
1	4 173 63	7.5	14 to 22	286	50
1	4 173 64	11	18 to 26	338	50
1	4 173 65	15	22 to 32	416	50
1	4 173 66	18,5	28 to 40	520	50
1	4 173 67	22	34 to 50	650	50
1	4 173 68	30	45 to 63	819	50

Pack	Cat.Nos	Thermal magnetic MPCBs (continued)			
		<b>MPX<sup>3</sup> 100H</b> High breaking capacity With rotary handle Fixing on rail  or by screw			
		3-phase motor 400/415 V (kW)	Thermal release adjustment range (A)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)
	3P				
1	4 173 70	7.5	11 to 17	221	100
1	4 173 71	7.5	14 to 22	286	100
1	4 173 72	11	18 to 26	338	100
1	4 173 73	15	22 to 32	416	100
1	4 173 74	18.5	28 to 40	520	100
1	4 173 75	22	34 to 50	650	100
1	4 173 76	30	45 to 63	819	100
1	4 173 77	37	55 to 75	975	75
1	4 173 78	45	70 to 90	1170	75
1	4 173 79	45	80 to 100	1300	75
		<b>Magnetic only MPCBs</b> Without thermal release Magnetic release 13 x Ie max.			
		<b>MPX<sup>3</sup> 32MA</b> High breaking capacity With rotary handle Fixing on rail			
		3-phase motor 400/415 V (kW)	Magnetic release operating current (A)	415 V breaking capacity Icu (kA)	
	3P				
1	4 173 40	0.02	2.1	100	
1	4 173 41	0.06	3.3	100	
1	4 173 42	0.09	5.2	100	
1	4 173 43	0.12	8.2	100	
1	4 173 44	0.18/0.25	13	100	
1	4 173 45	0.37/0.55	20.8	100	
1	4 173 46	0.75	32.5	100	
1	4 173 47	1.5	52	100	
1	4 173 48	2.2	78	100	
1	4 173 49	3	104	100	
1	4 173 50	4	130	100	
1	4 173 51	5.5	169	100	
1	4 173 52	7.5	221	50	
1	4 173 53	7.5	286	50	
1	4 173 54	11	338	50	
1	4 173 55	15	416	50	