





手动电动机起动器 产品目录

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

■ 32AF型及额定值

可调整热磁式脱扣型 瞬时脱扣型		标准分断容量 BM3RSB-□ BM3RSBK-□ 					高分断容量 BM3RHB-□ BM3RHBK-□ 						
		KK01-317					AF01-42						
极数		3					3						
手柄类型		按键式					旋钮式						
额定电流 Ie (A)		0.16-32											
额定工作电压 Ue (V)		200-690											
额定频率 (Hz)		50/60											
额定绝缘电压 Ui (V)		690											
额定耐脉冲电压 Uimp (kV)		6											
应用类别	IEC 60947-2 断路器 IEC 60947-4-1 电动机起动器	A类 AC-3											
脱扣等级 IEC 60947-4-1 *		10											
瞬时脱扣特性		13xIe 最大值											
功率损失 (3极总和)		7W: In=0.16-25A 8.5W: In=32A											
机械寿命 (动作次数)		100,000: In=0.16-25A 70,000: In=32A											
电气寿命 (动作次数)		100,000: In=0.16-25A 70,000: In=32A											
每小时最多动作次数 (电动机起动) (次/小时)		25											
缺相保护		有											
脱扣指示器		有											
测试脱扣功能		有											
额定分断容量(kA)	可调电流范围	240V 230V	415V 400V	460V 440V	500V	690V 600V	240V 230V	415V 400V	460V 440V	500V	690V 600V		
	代码 Ie: 最小-最大 (A)	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics	Icu Ics
IEC 60947-2 用 电 流 范 围 代 码 替 换 型 号 中 的 □。	P16	0.1-0.16	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	P25	0.16-0.25	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	P40	0.25-0.4	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	P63	0.4-0.63	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	001	0.63-1	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	1P6	1-1.6	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100	100 100
	2P5	1.6-2.5	100 100	100 100	100 100	100 100	3 2	100 100	100 100	100 100	100 100	100 100	8 6
	004	2.5-4	100 100	100 100	100 100	100 100	3 2	100 100	100 100	100 100	100 100	100 100	8 6
	6P3	4-6.3	100 100	100 100	50 38	50 38	3 2	100 100	100 100	100 100	100 100	6 5	
	010	6.3-10	100 100	100 100	15 11	10 8	3 2	100 100	100 100	50 38	50 38	6 5	
	013	9-13	100 100	50 38	10 8	6 5	3 2	100 100	100 100	50 38	42 32	6 5	
	016	11-16	100 100	25 19	10 8	6 5	3 2	100 100	50 38	35 27	10 8	4 3	
	020	14-20	50 38	25 19	10 8	6 5	3 2	100 100	50 38	35 27	10 8	4 3	
025	19-25	50 38	25 19	10 8	6 5	3 2	100 100	50 38	35 27	10 8	4 3		
032	24-32	50 38	25 19	10 8	6 5	3 2	100 100	50 38	35 27	10 8	4 3		
040	28-40	—	—	—	—	—	—	—	—	—	—	—	
050	35-50	—	—	—	—	—	—	—	—	—	—	—	
063	45-63	—	—	—	—	—	—	—	—	—	—	—	
外形尺寸 (mm)	W×H×D	45×90×66					45×90×79						
重量(g)		350					370						
选件	辅助触头块 报警触头块 辅助及报警触头块 短路报警触头块 电压脱扣装置 欠电压脱扣装置 外部操作手柄	○ ○ ○ ○ ○ ○ —					○ ○ ○ ○ ○ ○ ○						
标准		GB 14048.2, IEC 60947-1, 60947-2, 60947-4-1, UL 508, CSA C22.2 No.14, TÜV											

注: * 仅适用于可调整热磁式脱扣型。

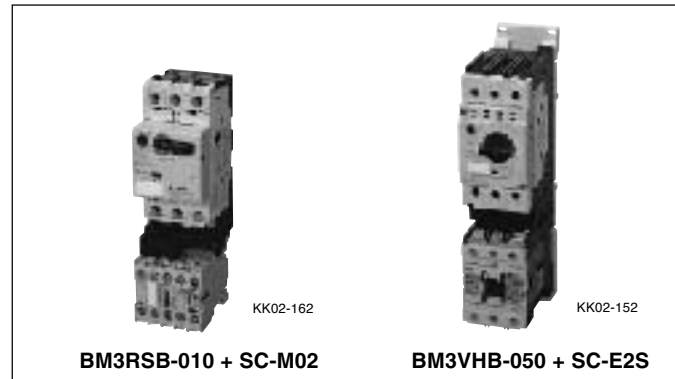
○ 适用 — 不适用

Combination Starters

Quick reference guide

■ Features

- The user can assemble a combination starter by combining a BM3 series manual motor starter and an SC series magnetic contactor according to the load motor capacity.
- The manual motor starter provides overload, phase-loss, and short-circuit protections for the motor circuit, and incorporates a dial for flexible adjustment to match the total load current of the motor.
- The magnetic contactor allows remote ON/OFF operation of the motor circuit with high frequency, and features a electrical durability of one million operations.
- The manual motor starter and magnetic contactor are connected via link module and mounted to a base plate.



■ Combinations meeting for North American market

• BM3RSB, BM3RHB (General)

220-240V AC		440-480V AC		MMS part number		Contactor □ part number	Link module	Base plate
HP rating (HP)	Rated current (A)	HP rating (HP)	Rated current (A)	Part number	Current range (A)			
-	-	-	-	BM3RSB-P16	BM3RHB-P16	0.1-0.16	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	-	-	BM3RSB-P25	BM3RHB-P25	0.16-0.25	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	-	-	BM3RSB-P40	BM3RHB-P40	0.25-0.4	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	-	-	BM3RSB-P63	BM3RHB-P63	0.4-0.63	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	-	-	BM3RSB-001	BM3RHB-001	0.63-1	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	3/4	1.6	BM3RSB-1P6	BM3RHB-1P6	1-1.6	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
1/2	2.2	1	2.1	BM3RSB-2P5	BM3RHB-2P5	1.6-2.5	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
3/4	3.2	2	3.4	BM3RSB-004	BM3RHB-004	2.5-4	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
1-1/2	6	3	4.8	BM3RSB-6P3	BM3RHB-6P3	4-6.3	SC-M01, M01/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
-	-	5	7.6	BM3RSB-010	BM3RHB-010	6.3-10	SC-M02, M02/G SC-E02 SC-E02/G	BZ0LRC09AA BZ0LRE22AA BZ0LRE22GA - BZ0BPRES22A BZ0BPRES22A
3	9.6	7-1/2	11	BM3RSB-013	BM3RHB-013	10-13	SC-E03 SC-E03/G	BZ0LRE22AA BZ0LRE22GA BZ0BPRES22A BZ0BPRES22A
5	15.2	10	14	BM3RSB-016	BM3RHB-016	11-16	SC-E04 SC-E04/G	BZ0LRE22AA BZ0LRE22GA BZ0BPRES22A BZ0BPRES22A
5	15.2	10	14	BM3RSB-020	BM3RHB-020	14-20	SC-E04 SC-E04/G	BZ0LRE22AA BZ0LRE22GA BZ0BPRES22A BZ0BPRES22A
7-1/2	22	15	21	BM3RSB-025	BM3RHB-025	18-25	SC-E05 SC-E05/G	BZ0LRE22AA BZ0LRE22GA BZ0BPRES22A BZ0BPRES22A
10	28	20	27	BM3RSB-032	BM3RHB-032	24-32	SC-E1 SC-E1/G	BZ0LRE32AA BZ0LRE32GA BZ0BPRES32A BZ0BPRES32A

Combination Starter

Quick reference guide

• **BM3RSB, BM3RHB (Type F coordination)**

220-240V AC		440-480V AC		MMS part number			Contactor □ part number	Link module	Base plate	Short-circuit ratings at 480Y/277 AC (kA)	
HP rating (HP)	Rated current (A)	HP rating (HP)	Rated current (A)	Part number		Current range (A)				for BM3RSB	for BM3RHB
-	-	-	-	BM3RSB-P16	BM3RHB-P16	0.1-0.16	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
-	-	-	-	BM3RSB-P25	BM3RHB-P25	0.16-0.25	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
-	-	-	-	BM3RSB-P40	BM3RHB-P40	0.25-0.4	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
-	-	-	-	BM3RSB-P63	BM3RHB-P63	0.4-0.63	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
-	-	-	-	BM3RSB-001	BM3RHB-001	0.63-1	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
-	-	3/4	1.6	BM3RSB-1P6	BM3RHB-1P6	1-1.6	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	65	65
1/2	2.2	1	2.1	BM3RSB-2P5	BM3RHB-2P5	1.6-2.5	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	50	65
3/4	3.2	2	3.4	BM3RSB-004	BM3RHB-004	2.5-4	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	50	65
1-1/2	6	3	4.8	BM3RSB-6P3	BM3RHB-6P3	4-6.3	SC-M01, M01/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	50	65
-	-	5	7.6	BM3RSB-010	BM3RHB-010	6.3-10	SC-M02, M02/G SC-E02 SC-E02/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	25	65
3	9.6	-	-	BM3RSB-010	BM3RHB-010	6.3-10	SC-M02, M02/G SC-E03 SC-E03/G	BZOLRC09AA BZOLRE22AA BZOLRE22GA	- BZ0BPRES22A BZ0BPRES22A	25	65
-	-	7-1/2	11	BM3RSB-013	BM3RHB-013	10-13	SC-E03 SC-E03/G	BZOLRE22AA BZOLRE22GA	BZ0BPRES22A BZ0BPRES22A	25	65
5	15.2	10	14	BM3RSB-016	BM3RHB-016	11-16	SC-E04 SC-E04/G	BZOLRE22AA BZOLRE22GA	BZ0BPRES22A BZ0BPRES22A	25	65
5	15.2	10	14	BM3RSB-020	BM3RHB-020	14-20	SC-E04 SC-E04/G	BZOLRE22AA BZOLRE22GA	BZ0BPRES22A BZ0BPRES22A	25	65
7-1/2	22	15	21	BM3RSB-025	BM3RHB-025	18-25	SC-E05 SC-E05/G	BZOLRE22AA BZOLRE22GA	BZ0BPRES22A BZ0BPRES22A	25	50
10	28	20	27	BM3RSB-032	BM3RHB-032	24-32	SC-E1 SC-E1/G	BZOLRE32AA BZOLRE32GA	BZ0BPRES32A BZ0BPRES32A	25	50

To make an application for Type F condition, You need to prepare BZ0TCRE and BZ0TKUAB accessories separately.

Combination Starter

Quick reference guide

• BM3VSB, BM3VHB (General)

220-240V AC		440-480V AC		MMS part number			Contactor □ part number	Link module	Base plate
HP rating (HP)	Rated current (A)	HP rating (HP)	Rated current (A)	Part number		Current range (A)			
3	9.6	5	7.6	BM3VSB-010	BM3VHB-010	6.3-10	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
3	9.6	7-1/2	11	BM3VSB-013	BM3VHB-013	10-13	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
5	15.2	10	14	BM3VSB-016	BM3VHB-016	11-16	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
5	15.2	10	14	BM3VSB-020	BM3VHB-020	14-20	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
7-1/2	22	15	21	BM3VSB-025	BM3VHB-025	18-25	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
10	28	20	27	BM3VSB-032	BM3VHB-032	24-32	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
10	28	30	40	BM3VSB-040	BM3VHB-040	28-40	SC-E2 SC-E2/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
15	42	30	40	BM3VSB-050	BM3VHB-050	35-50	SC-E2S SC-E2S/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A
20	54	40	52	BM3VSB-063	BM3VHB-063	45-63	SC-E3 SC-E3/G	BZ0LVE65AA BZ0LVE65GA	BZ0BPVE65A BZ0BPVE65A

• BM3VSB, BM3VHB (Type F coordination)

220-240V AC		440-480V AC		MMS part number			Contactor □ part number	Link module	Base plate	Short-circuit ratings at 480Y/277 AC (kA)	
HP rating (HP)	Rated current (A)	HP rating (HP)	Rated current (A)	Part number		Current range (A)				for BM3VSB	for BM3VHB
3	9.6	5	7.6	BM3VSB-010	BM3VHB-010	6.3-10	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
3	9.6	7-1/2	11	BM3VSB-013	BM3VHB-013	10-13	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
5	15.2	10	14	BM3VSB-016	BM3VHB-016	11-16	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
5	15.2	10	14	BM3VSB-020	BM3VHB-020	14-20	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
7-1/2	22	15	21	BM3VSB-025	BM3VHB-025	18-25	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
10	28	20	27	BM3VSB-032	BM3VHB-032	24-32	SC-E1 SC-E1/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
10	28	30	40	BM3VSB-040	BM3VHB-040	28-40	SC-E2 SC-E2/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
15	42	30	40	BM3VSB-050	BM3VHB-050	35-50	SC-E2S SC-E2S/G	BZ0LVE51AA BZ0LVE51GA	BZ0BPVE51A BZ0BPVE51A	25	65
20	54	40	52	BM3VSB-063	BM3VHB-063	45-63	SC-E3 SC-E3/G	BZ0LVE65AA BZ0LVE65GA	BZ0BPVE65A BZ0BPVE65A	25	65

To make an application for Type F condition, You need to prepare BZ0TKUAB accessories separately.