


DUO series Combination Starters


Optional accessories

■ Optional accessories


• Link modules

Description	Applicable MMS	Applicable magnetic contactor	Operating coil	Type	Mass (g)
 <p>The link module connects the manual motor starter and magnetic contactor electrically and mechanically.</p> <p>(No.KK01-153)</p>	BM3R	SC-M01, M02	AC	BZ0LRC09AA	25
		SC-M01/G, M02/G	DC	BZ0LRC09AA	25
		SC-E02, E03, E04, E05	AC	BZ0LRE22AA	25
		SC-E02/G, E03/G, E04/G, E05/G	DC	BZ0LRE22GA	35
		SC-E1	AC	BZ0LRE32AA	45
		SC-E1/G	DC	BZ0LRE32GA	60
	BM3V	SC-E1, E2, E2S	AC	BZ0LVE51AA	45
		SC-E1/G, E2/G, E2S/G	DC	BZ0LVE51GA	60
		SC-E3	AC	BZ0LVE65AA	65
		SC-E3/G	DC	BZ0LVE65GA	80

• Base plates

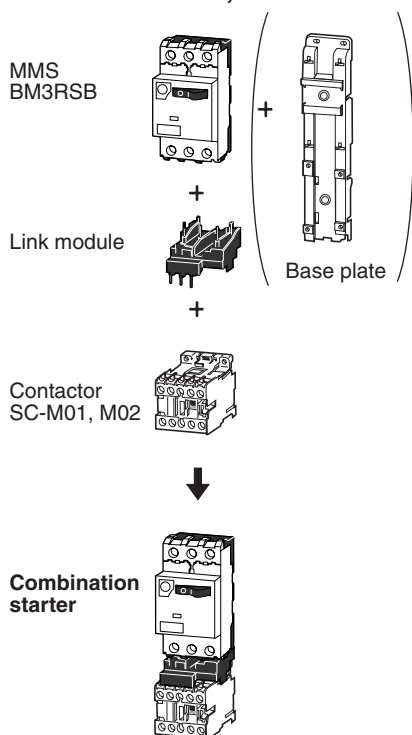
Description	Applicable MMS	Applicable magnetic contactor	Operating coil	Type	Mass (g)
 <p>The base plate is a plastic plate to which the combination starter is mounted. The base plate can then be mounted to a panel with screws or to a IEC top hat rail.</p> <p>(No.KK01-155)</p>	BM3R	SC-E02, E03, E04, E05	AC	BZ0BPRE22A	100
		SC-E02/G, E03/G, E04/G, E05/G	DC	BZ0BPRE22A	100
		SC-E1	AC	BZ0BPRE32A	160
		SC-E1/G	DC	BZ0BPRE32A	160
	BM3V	SC-E1, E2, E2S	AC	BZ0BPVE51A	160
		SC-E1/G, E2/G, E2S/G	DC	BZ0BPVE51A	160
		SC-E3	AC	BZ0BPVE65A	195
		SC-E3/G	DC	BZ0BPVE65A	195

• Base plate coupling kit

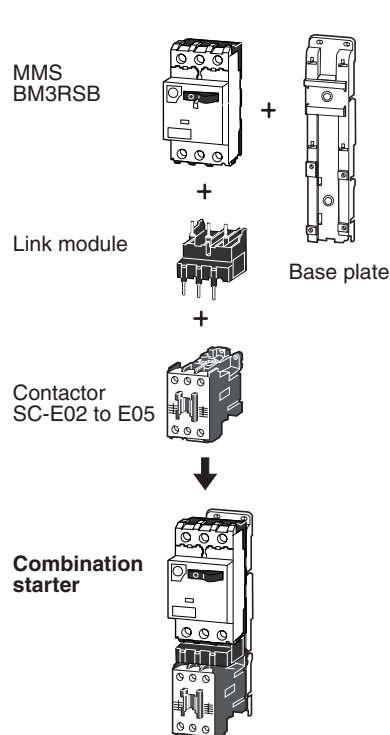
Description	Applicable base plate	Type	Mass(g)
 <p>The base plate coupling kit is used to couple two base plates that are mounted with combination starters consisting of manual motor starters and SC-E□RM reversing magnetic contactors.</p> <p>(No.KK03-036)</p>	BZ0BPRE22A BZ0BPRE32A BZ0BPVE51A BZ0BPVE65A	BZ0BPCA	4

■ Combination starter configurations

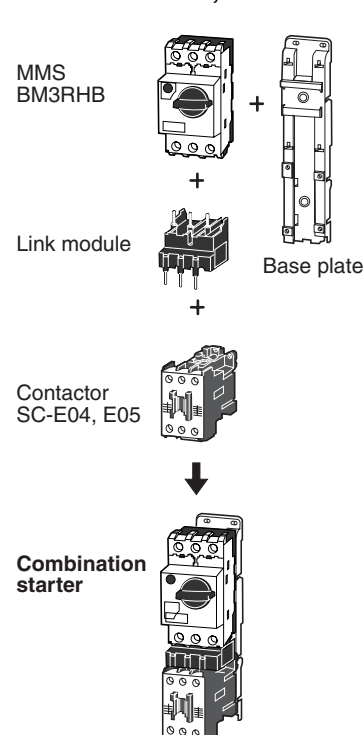
• BM3RSB+SC-M01, M02



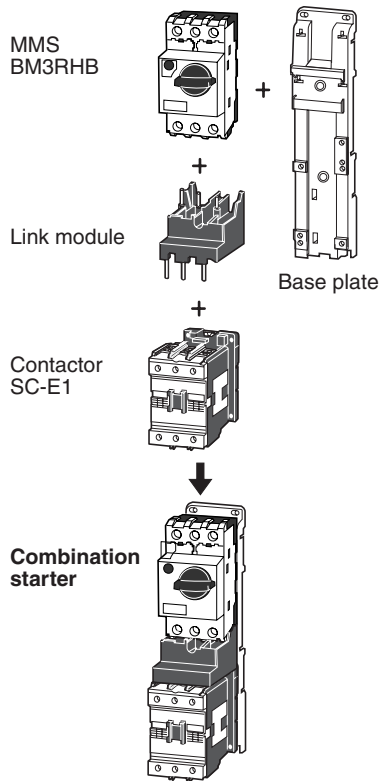
• BM3RSB+SC-E02 to E05



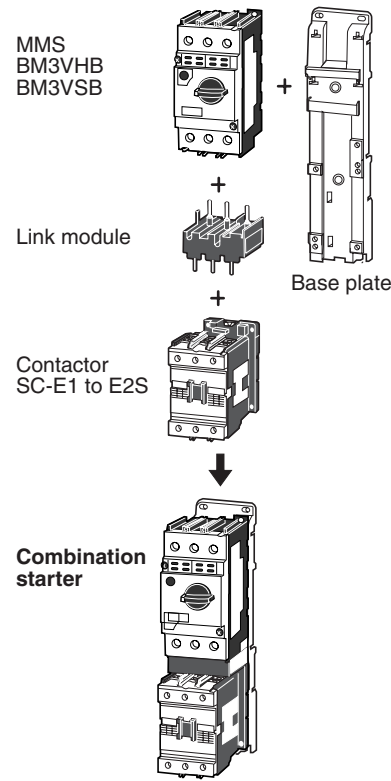
• BM3RHB+SC-E04, E05



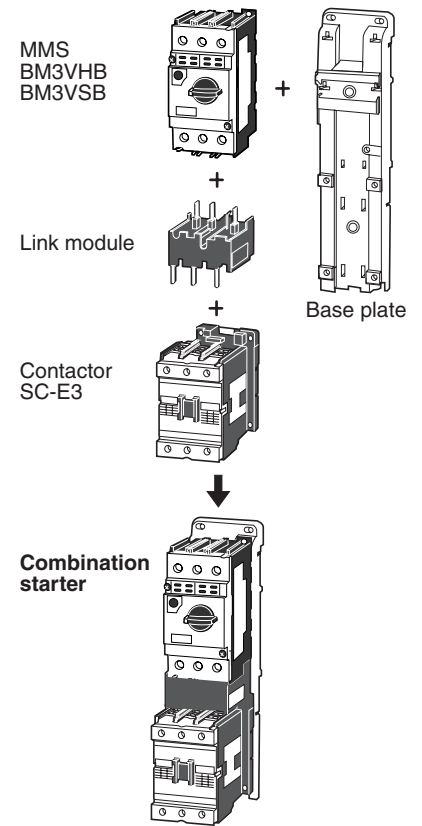
• **BM3RHB+SC-E1**



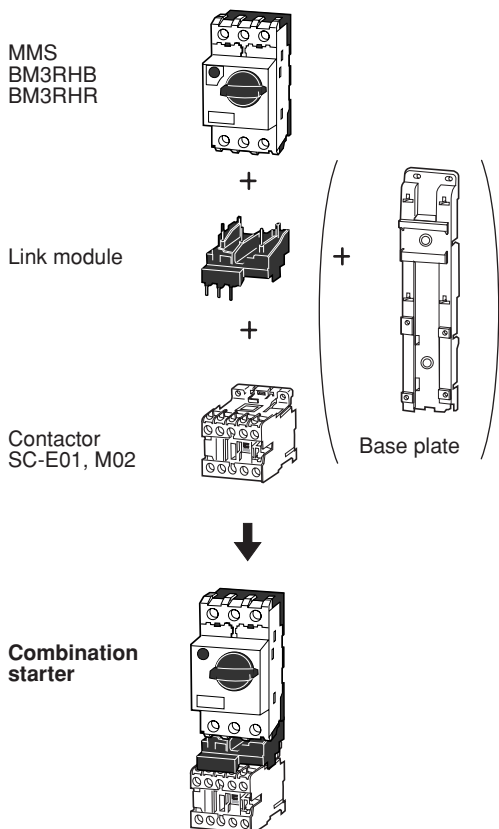
• **BM3V□B+SC-E1 to E2S**



• **BM3V□B+SC-E3**

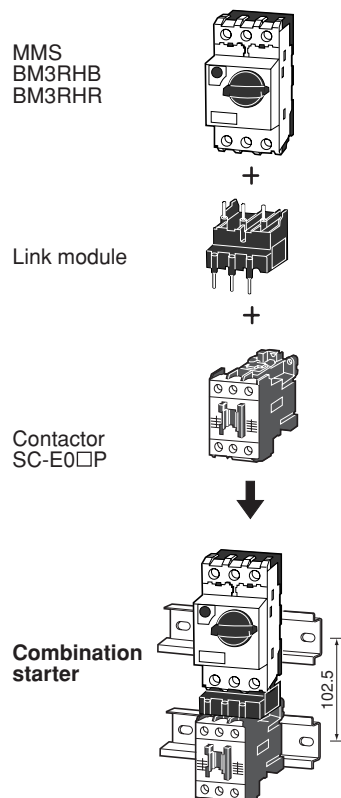


• **BM3RH□+SC-M01, M02**



• **BM3R□+SC-E0□P**

(When two mounting rails are used)



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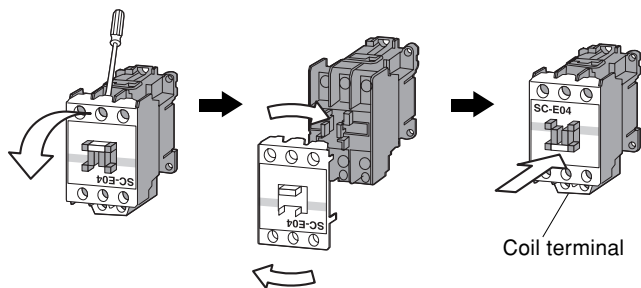
Notes on use

■ Note to mount an MMS and contactor

When the manual motor starter and magnetic contactor are configured as a combination starter, the nameplate ends up facing the wrong direction because the coil terminal of the magnetic contactor faces downward. Use the following procedure to turn the nameplate upside down.

For SC-E02 to SC-E05 magnetic contactors

- Insert a flat-blade screwdriver between the center pole of arc-chamber (S phase or V phase) and the terminal screw, and lift the arc-chamber to remove it.
- After removing the arc-chamber, turn it 180 degrees (top to bottom), then re-mount it onto the magnetic contactor.
- Align the arc-chamber with the top and bottom terminals and press it on firmly by hand.



For SC-E1 to SC-E3 magnetic contactors

- Use a Phillips screwdriver to remove the two screws securing the front and back bodies.
- Remove the front body and turn it 180 degrees (top to bottom), then re-mount it with the screws.
- Make sure that no foreign matter enters the interior of the magnetic contactor during this removal/re-mounting procedure.

