

# Fuji Duo Series Combination Starter

## BM3RHB-xxx Manual Motor Starter Prices

| Part Number                | Price | Part Number                | Price |
|----------------------------|-------|----------------------------|-------|
| <a href="#">BM3RHB-P16</a> |       | <a href="#">BM3RHB-6P3</a> |       |
| <a href="#">BM3RHB-P25</a> |       | <a href="#">BM3RHB-010</a> |       |
| <a href="#">BM3RHB-P40</a> |       | <a href="#">BM3RHB-013</a> |       |
| <a href="#">BM3RHB-P63</a> |       | <a href="#">BM3RHB-016</a> |       |
| <a href="#">BM3RHB-001</a> |       | <a href="#">BM3RHB-020</a> |       |
| <a href="#">BM3RHB-1P6</a> |       | <a href="#">BM3RHB-025</a> |       |
| <a href="#">BM3RHB-2P5</a> |       | <a href="#">BM3RHB-032</a> |       |
| <a href="#">BM3RHB-004</a> |       |                            |       |



## BM3VHB-xxx Manual Motor Starter Prices

| Part Number                | Price | Part Number                | Price |
|----------------------------|-------|----------------------------|-------|
| <a href="#">BM3VHB-010</a> |       | <a href="#">BM3VHB-032</a> |       |
| <a href="#">BM3VHB-013</a> |       | <a href="#">BM3VHB-040</a> |       |
| <a href="#">BM3VHB-016</a> |       | <a href="#">BM3VHB-050</a> |       |
| <a href="#">BM3VHB-020</a> |       | <a href="#">BM3VHB-063</a> |       |
| <a href="#">BM3VHB-025</a> |       |                            |       |

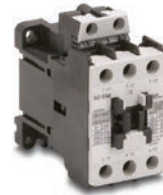


Note: When using BM3VHB-xxx MMS in a UL type E application you must also use part number BZ0TKUAB (short circuit contact block).

Note: When using BM3RHB-xxx MMS in a UL type E application, you must also use part number BZ0TKUAB (short circuit contact block) and BZ0TCRE (line side terminal cover).

## Contactor Prices

| Part Number                   | Price | Part Number                   | Price | Part Number                   | Price | Part Number                | Price |
|-------------------------------|-------|-------------------------------|-------|-------------------------------|-------|----------------------------|-------|
| <a href="#">SC-E02-24VAC</a>  |       | <a href="#">SC-E05-24VAC</a>  |       | <a href="#">SC-E2S-24VAC</a>  |       | <a href="#">SC-E5-24V</a>  |       |
| <a href="#">SC-E02-110VAC</a> |       | <a href="#">SC-E05-110VAC</a> |       | <a href="#">SC-E2S-110VAC</a> |       | <a href="#">SC-E5-100V</a> |       |
| <a href="#">SC-E02-220VAC</a> |       | <a href="#">SC-E05-220VAC</a> |       | <a href="#">SC-E2S-220VAC</a> |       | <a href="#">SC-E5-200V</a> |       |
| <a href="#">SC-E02G-24VDC</a> |       | <a href="#">SC-E05G-24VDC</a> |       | <a href="#">SC-E2SG-24VDC</a> |       | <a href="#">SC-E6-24V</a>  |       |
| <a href="#">SC-E03-24VAC</a>  |       | <a href="#">SC-E1-24VAC</a>   |       | <a href="#">SC-E3-24VAC</a>   |       | <a href="#">SC-E6-100V</a> |       |
| <a href="#">SC-E03-110VAC</a> |       | <a href="#">SC-E1-110VAC</a>  |       | <a href="#">SC-E3-110VAC</a>  |       | <a href="#">SC-E6-200V</a> |       |
| <a href="#">SC-E03-220VAC</a> |       | <a href="#">SC-E1-220VAC</a>  |       | <a href="#">SC-E3-220VAC</a>  |       | <a href="#">SC-E7-24V</a>  |       |
| <a href="#">SC-E03G-24VDC</a> |       | <a href="#">SC-E1G-24VDC</a>  |       | <a href="#">SC-E3G-24VDC</a>  |       | <a href="#">SC-E7-100V</a> |       |
| <a href="#">SC-E04-24VAC</a>  |       | <a href="#">SC-E2-24VAC</a>   |       | <a href="#">SC-E4-24VAC</a>   |       | <a href="#">SC-E7-200V</a> |       |
| <a href="#">SC-E04-110VAC</a> |       | <a href="#">SC-E2-110VAC</a>  |       | <a href="#">SC-E4-110VAC</a>  |       |                            |       |
| <a href="#">SC-E04-220VAC</a> |       | <a href="#">SC-E2-220VAC</a>  |       | <a href="#">SC-E4-220VAC</a>  |       |                            |       |
| <a href="#">SC-E04G-24VDC</a> |       | <a href="#">SC-E2G-24VDC</a>  |       | <a href="#">SC-E4G-24VDC</a>  |       |                            |       |



## Link Modules and Base Plates

### Link Modules



**BZ0LRE22AA**



**BZ0LRE22GA**



**BZ0LRE32AA**



**BZ0LRE32GA**



**BZ0LVE51AA**



**BZ0LVE51GA**



**BZ0LVE65AA**



**BZ0LVE65GA**

## Link modules

| Part Number                | Price | Description                                                                                             | Applicable MMS | Applicable Magnetic Contactor    | Operating Coil (V) | Weight (g [lb]) |
|----------------------------|-------|---------------------------------------------------------------------------------------------------------|----------------|----------------------------------|--------------------|-----------------|
| <a href="#">BZ0LRE22AA</a> |       | The link module connects the manual motor starter and magnetic contactor electrically and mechanically. | BM3RHB-xxx     | SC-E02, E03, E04, E05-xxxVAC     | AC                 | 25 [0.055]      |
| <a href="#">BZ0LRE22GA</a> |       |                                                                                                         |                | SC-E02G, E03G, E04G, E05G-xxxVDC | DC                 | 35 [0.077]      |
| <a href="#">BZ0LRE32AA</a> |       |                                                                                                         |                | SC-E1-xxxVAC                     | AC                 | 45 [0.1]        |
| <a href="#">BZ0LRE32GA</a> |       |                                                                                                         |                | SC-E1G-xxxVDC                    | DC                 | 60 [0.13]       |
| <a href="#">BZ0LVE51AA</a> |       |                                                                                                         | BM3VHB-xxx     | SC-E1, E2, E2S-xxxVAC            | AC                 | 45 [0.1]        |
| <a href="#">BZ0LVE51GA</a> |       |                                                                                                         |                | SC-E1G, E2G, E2SG-xxxVDC         | DC                 | 60 [0.13]       |
| <a href="#">BZ0LVE65AA</a> |       |                                                                                                         |                | SC-E3-xxxVAC                     | AC                 | 65 [0.14]       |
| <a href="#">BZ0LVE65GA</a> |       |                                                                                                         |                | SC-E3G-xxxVDC                    | DC                 | 80 [0.176]      |

# Fuji Duo Series Combination Starters

## Base plates

**BZ0BPVE22A****BZ0BPVE32A****BZ0BPVE51A****BZ0BPVE65A**

| Base Plates                       |       |                                                                                                                                                            |                |                                                      |                    |                 |
|-----------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------------------|--------------------|-----------------|
| Part Number                       | Price | Description                                                                                                                                                | Applicable MMS | Applicable Magnetic Contactor                        | Operating Coil (V) | Weight (g [lb]) |
| <a href="#"><u>BZ0BPVE22A</u></a> |       | 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 DIN rail. | BM3RHB-xxx     | SC-E02, E03, E04, E05, SC-E02G, E03G, E04G, E05G-xxx | AC/DC              | 100 [0.22]      |
| <a href="#"><u>BZ0BPVE32A</u></a> |       |                                                                                                                                                            |                | SC-E1, SC-E1G-xxx                                    | AC/DC              | 160 [0.35]      |
| <a href="#"><u>BZ0BPVE51A</u></a> |       |                                                                                                                                                            | BM3VHB-xxx     | SC-E1, E2, E2S, SC-E1G, E2G, E2SG-xxx                | AC/DC              | 160 [0.35]      |
| <a href="#"><u>BZ0BPVE65A</u></a> |       |                                                                                                                                                            |                | SC-E3, SC-E3G-xxx                                    | AC/DC              | 195 [0.43]      |

## How to reverse the contactor nameplate

When the manual motor starter and magnetic contactor are configured as a combination starter, the contactor 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.

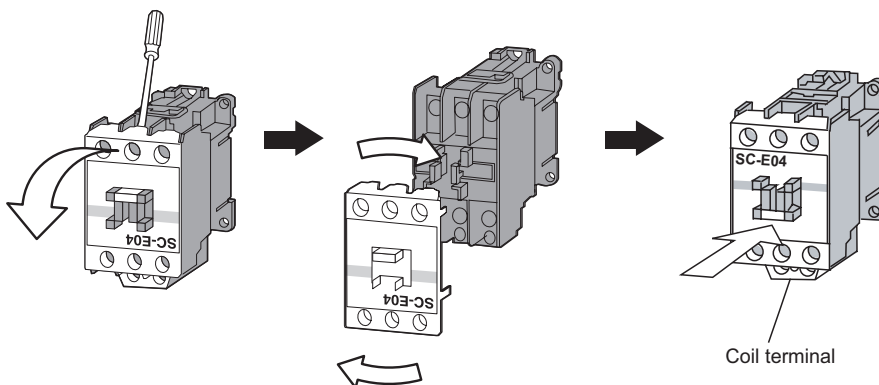


SC-E2S

Contactor nameplate must be reversed when used in a combination starter configuration.

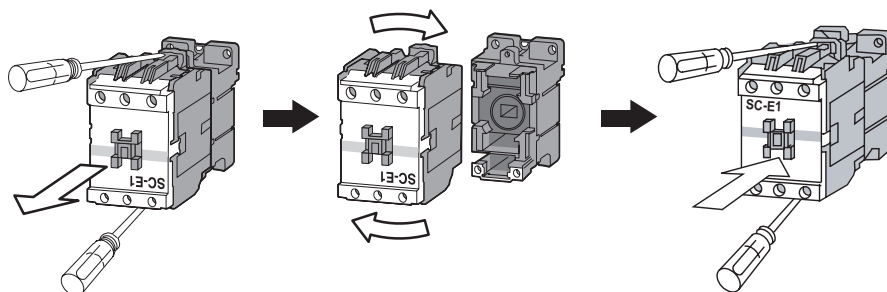
### For SC-E02 to SC-E05-xxx contactors

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



### For SC-E1 to SC-E3-xxx 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.

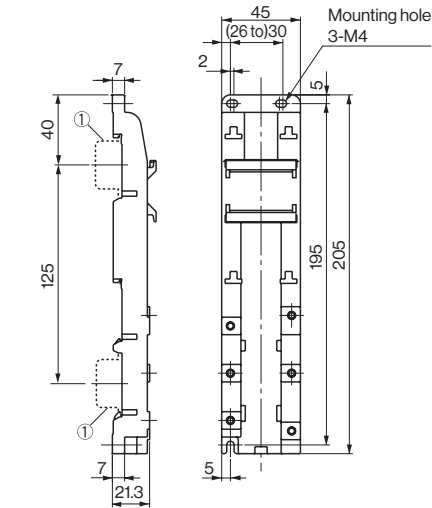


# Fuji Duo Series Combination Starters

## Dimensions (mm)



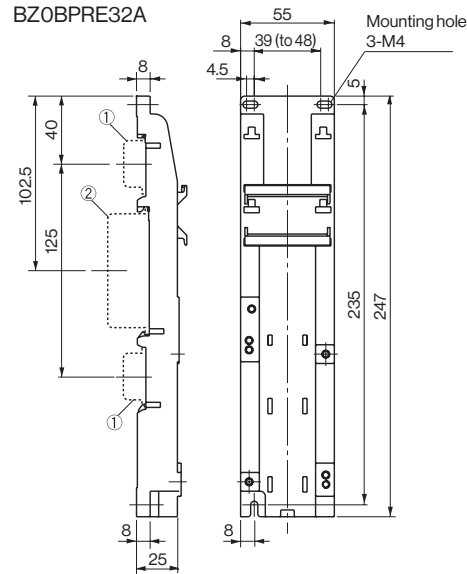
BZ0BPRE22A



① 35mm wide rail (height 15mm) x 2  
② 75mm wide rail (height 25mm) x 1

| Base plate | MMS        | Contactor                                               |
|------------|------------|---------------------------------------------------------|
| BZ0BPRE22A | BM3RHB-xxx | SC-E02, E03, E04, E05-xxx<br>E02G, E03G, E04G, E05G-xxx |

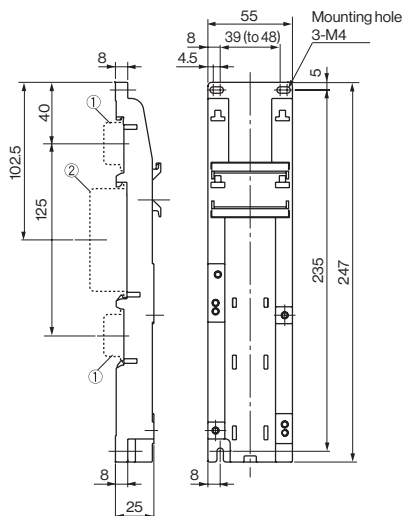
BZ0BPRE32A



① 35mm wide rail (height 15mm) x 2  
② 75mm wide rail (height 25mm) x 1

| Base plate | MMS        | Contactor      |
|------------|------------|----------------|
| BZ0BPRE32A | BM3RHB-xxx | SC-E1, E1G-xxx |

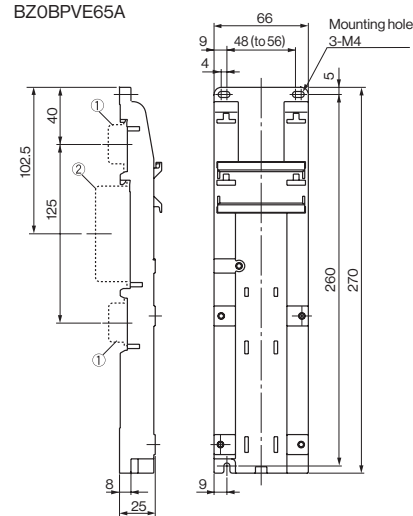
BZ0BPVE51A



① 35mm wide rail (height 15mm) x 2  
② 75mm wide rail (height 25mm) x 1

| Base plate | MMS        | Contactor                                 |
|------------|------------|-------------------------------------------|
| BZ0BPVE51A | BM3VHB-xxx | SC-E1, E2, E2S -xxx<br>E1G, E2G, E2SG-xxx |

BZ0BPVE65A



① 35mm wide rail (height 15mm) x 2  
② 75mm wide rail (height 25mm) x 1

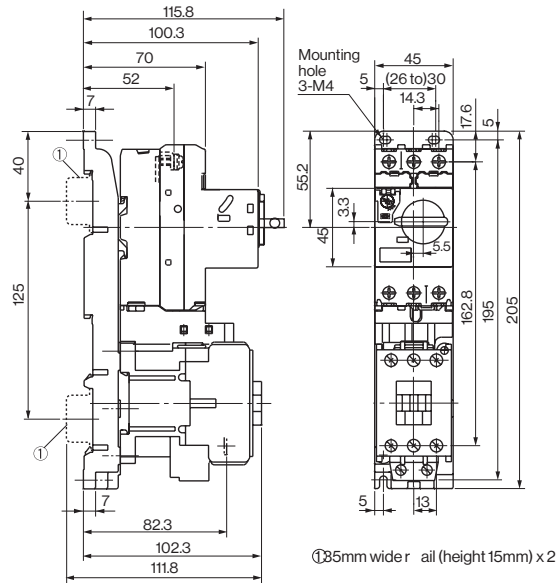
| Base plate | MMS        | Contactor      |
|------------|------------|----------------|
| BZ0BPVE65A | BM3VHB-xxx | SC-E3, E3G-xxx |

# Fuji Duo Series Combination Starters

## Dimensions (mm)

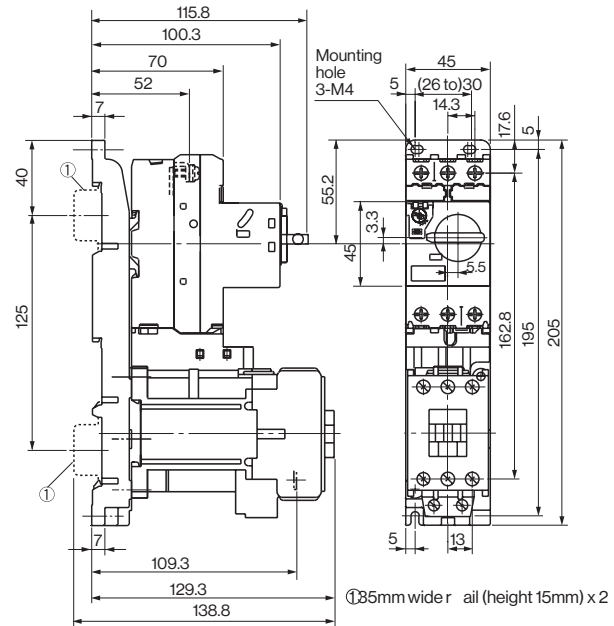


BM3RHB-xxx + SC-E02 to E05-xxx



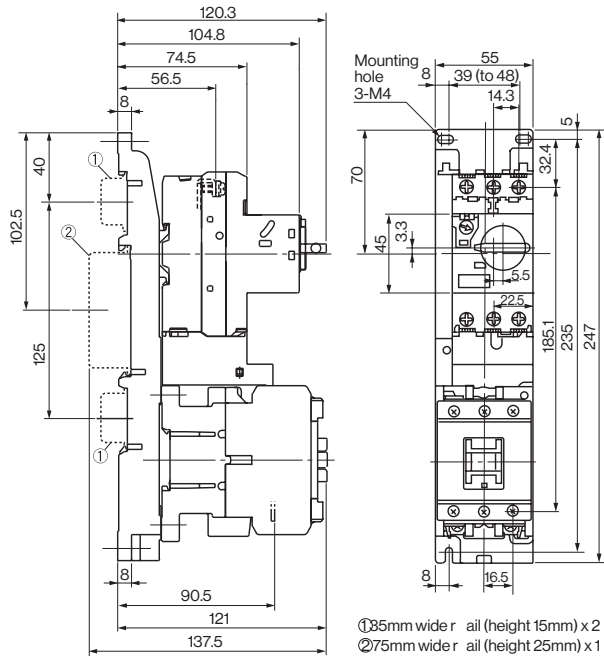
| MMS        | Contactors                | Link module | Base plate |
|------------|---------------------------|-------------|------------|
| BM3RHB-xxx | SC-E02, E03, E04, E05-xxx | BZ0LRE22AA  | BZ0BPRE22A |

BM3RHB-xxx + SC-E02G to E05G-xxx



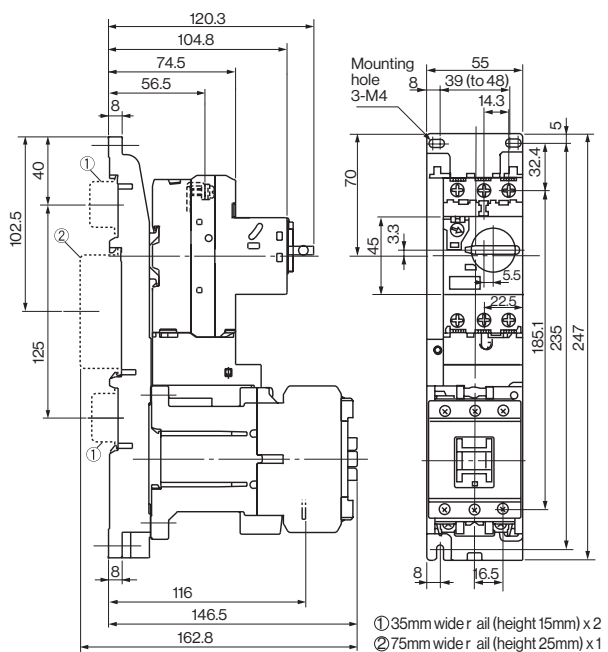
| MMS        | Contactors                    | Link module | Base plate |
|------------|-------------------------------|-------------|------------|
| BM3RHB-xxx | SC-E02G, E03G, E04G, E05G-xxx | BZ0LRE22GA  | BZ0BPRE22A |

BM3RHB-xxx + SC-E1-xxx



| MMS        | Contactors | Link module | Base plate |
|------------|------------|-------------|------------|
| BM3RHB-xxx | SC-E1-xxx  | BZ0LRE32AA  | BZ0BPRE32A |

BM3RHB-xxx + SC-E1G-xxx



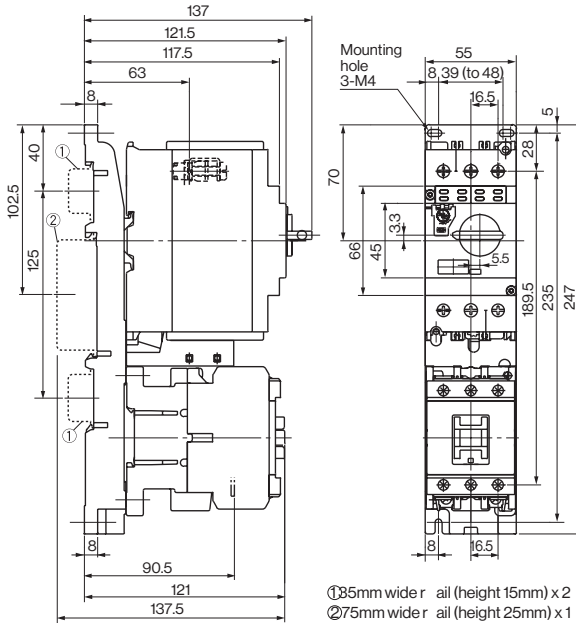
| MMS        | Contactors | Link module | Base plate |
|------------|------------|-------------|------------|
| BM3RHB-xxx | SC-E1G-xxx | BZ0LRE32GA  | BZ0BPRE32A |

# Fuji Duo Series Combination Starters

## Dimensions (mm)

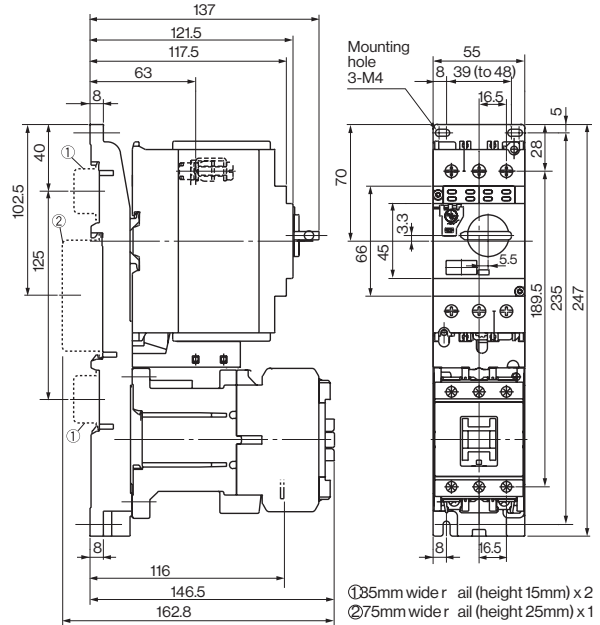


BM3VHB-xxx + SC-E1, E2, E2S-xxx



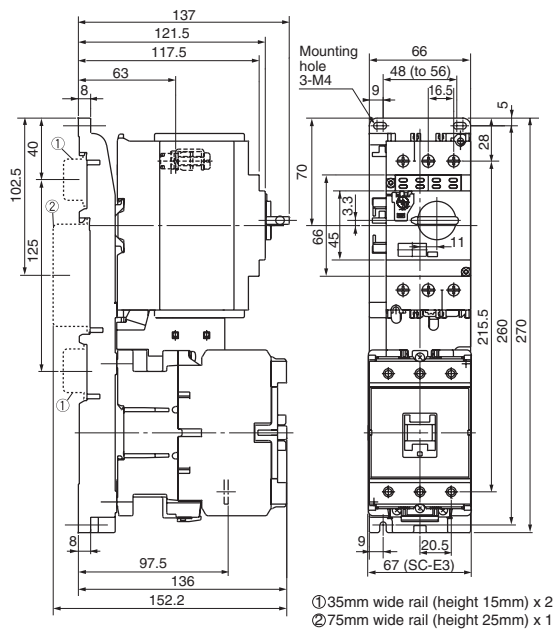
| MMS        | Contactors         | Link module | Base plate |
|------------|--------------------|-------------|------------|
| BM3VHB-xxx | SC-E1, E2, E2S-xxx | BZ0LVE51AA  | BZ0BPVE51A |

BM3VHB-xxx + SC-E1G, E2G, E2SG-xxx



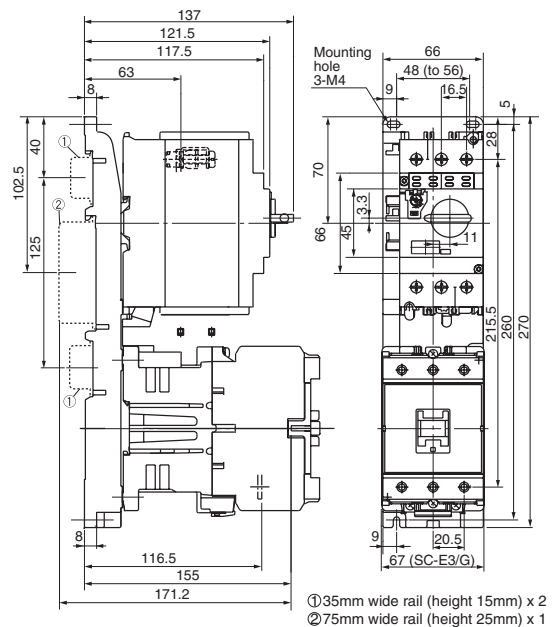
| MMS        | Contactors            | Link module | Base plate |
|------------|-----------------------|-------------|------------|
| BM3VHB-xxx | SC-E1G, E2G, E2SG-xxx | BZ0LVE51GA  | BZ0BPVE51A |

BM3VHB-xxx + SC-E3-xxx



| MMS        | Contactors | Link module | Base plate |
|------------|------------|-------------|------------|
| BM3VHB-xxx | SC-E3-xxx  | BZ0LVE65AA  | BZ0BPVE65A |

BM3VHB-xxx + SCE3G-xxx



| MMS        | Contactors | Link module | Base plate |
|------------|------------|-------------|------------|
| BM3VHB-xxx | SC-E3G-xxx | BZ0LVE65GA  | BZ0BPVE65A |