

## ■ Manual Motor Starters

- 32AF standard breaking capacity, rocker handle types

| Type       | Capacity of 3-phase standard motor and total load current <sup>*1</sup> |             |               |             | Current In [A] <sup>*2</sup> | Thermal current setting range [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |         | TÜV license No. | EN/IEC/ others                        |
|------------|---|-------------|---------------|-------------|------------------------------|-----------------------------------|--------------------------------|----------------------------------|---------|-----------------|---------------------------------------|
|            | 200-240V AC   |             | 380-440V AC   |             |                              |                                   |                                | 240V AC                          | 415V AC |                 |                                       |
|            | Capacity [kw]   | Current [A] | Capacity [kw] | Current [A] |                              |                                   |                                |                                  |         |                 |                                       |
| BM3RSB-P16 | -   | -           | 0.02          | (0.1)       | 0.16                         | 0.1-0.16                          | 2.1                            | 100                              | 100     | R2050628        | EN60947-1<br>EN60947-2<br>EN60947-4-1 |
| BM3RSB-P25 | 0.03  | 0.24        | 0.06          | 0.21        | 0.25                         | 0.16-0.25                         | 3.3                            |                                  |         |                 |                                       |
| BM3RSB-P40 | 0.06  | 0.37        | 0.1           | 0.34        | 0.4                          | 0.25-0.4                          | 5.2                            |                                  |         |                 |                                       |
| BM3RSB-P63 | 0.06  | 0.37        | 0.12          | 0.41        | 0.63                         | 0.4-0.63                          | 8.2                            |                                  |         |                 |                                       |
| BM3RSB-001 | 0.1   | 0.68        | 0.2           | 0.7         | 1                            | 0.63-1                            | 13                             |                                  |         |                 |                                       |
| BM3RSB-1P6 | 0.2   | 1.3         | 0.4           | 1.2         | 1.6                          | 1-1.6                             | 20.8                           |                                  |         |                 |                                       |
| BM3RSB-2P5 | 0.4   | 2.3         | 0.75          | 1.8         | 2.5                          | 1.6-2.5                           | 32.5                           |                                  |         |                 |                                       |
| BM3RSB-004 | 0.75  | 3.6         | 1.5           | 3.1         | 4                            | 2.5-4                             | 52                             |                                  |         |                 |                                       |
| BM3RSB-6P3 | 1.5   | 6.1         | 2.2           | 4.6         | 6.3                          | 4-6.3                             | 81.9                           |                                  |         |                 |                                       |
| BM3RSB-010 | 2.2   | 9.2         | 3.7           | 7.5         | 10                           | 6.3-10                            | 130                            |                                  |         |                 |                                       |
| BM3RSB-013 | 2.2   | 9.2         | 5.5           | 11          | 13                           | 9-13                              | 169                            |                                  |         |                 |                                       |
| BM3RSB-016 | 3.7   | 15          | 7.5           | 15          | 16                           | 11-16                             | 208                            | 50                               | 25      |                 |                                       |
| BM3RSB-020 | 3.7   | 15          | 7.5           | 15          | 20                           | 14-20                             | 260                            |                                  |         |                 |                                       |
| BM3RSB-025 | 5.5   | 22.5        | 11            | 21          | 25                           | 19-25                             | 325                            |                                  |         |                 |                                       |
| BM3RSB-032 | 7.5   | 29          | 15            | 28          | 32                           | 24-32                             | 416                            |                                  |         |                 |                                       |

<sup>\*1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>\*2</sup> Maximum thermal current setting value.

- 32AF high breaking capacity, rocker handle types

| Type       | Capacity of 3-phase standard motor and total load current <sup>1</sup> |             |               |             | Current In [A] <sup>2</sup> | Thermal current setting range le [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |          | TÜV license No.                       | EN/IEC/ others |  |  |
|------------|--|-------------|---------------|-------------|-----------------------------|--------------------------------------|--------------------------------|----------------------------------|----------|---------------------------------------|----------------|--|--|
|            | 200-240V AC  |             | 380-440V AC   |             |                             |                                      |                                | 240V AC                          | 145V AC  |                                       |                |  |  |
|            | Capacity [kw]  | Current [A] | Capacity [kw] | Current [A] |                             |                                      |                                |                                  |          |                                       |                |  |  |
| BM3RSB-P16 | -  | -           | 0.02          | (0.1)       | 0.16                        | 0.1-0.16                             | 2.1                            | 100                              | R2050628 | EN60947-1<br>EN60947-2<br>EN60947-4-1 |                |  |  |
| BM3RSB-P25 | 0.03   | 0.24        | 0.06          | 0.21        | 0.25                        | 0.16-0.25                            | 3.3                            |                                  |          |                                       |                |  |  |
| BM3RSB-P40 | 0.06   | 0.37        | 0.1           | 0.34        | 0.4                         | 0.25-0.4                             | 5.2                            |                                  |          |                                       |                |  |  |
| BM3RSB-P63 | 0.06   | 0.37        | 0.12          | 0.41        | 0.63                        | 0.4-0.63                             | 8.2                            |                                  |          |                                       |                |  |  |
| BM3RSB-001 | 0.1  | 0.68        | 0.2           | 0.7         | 1                           | 0.63-1                               | 13                             |                                  |          |                                       |                |  |  |
| BM3RSB-1P6 | 0.2  | 1.3         | 0.4           | 1.2         | 1.6                         | 1-1.6                                | 20.8                           |                                  |          |                                       |                |  |  |
| BM3RSB-2P5 | 0.4  | 2.3         | 0.75          | 1.8         | 2.5                         | 1.6-2.5                              | 32.5                           |                                  |          |                                       |                |  |  |
| BM3RSB-004 | 0.75   | 3.6         | 1.5           | 3.1         | 4                           | 2.5-4                                | 52                             |                                  |          |                                       |                |  |  |
| BM3RSB-6P3 | 1.5  | 6.1         | 2.2           | 4.6         | 6.3                         | 4-6.3                                | 81.9                           |                                  |          |                                       |                |  |  |
| BM3RSB-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            |                                  |          |                                       |                |  |  |
| BM3RSB-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |          |                                       |                |  |  |
| BM3RSB-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |          |                                       |                |  |  |
| BM3RSB-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |          |                                       |                |  |  |
| BM3RSB-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |          |                                       |                |  |  |
| BM3RSB-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |          |                                       |                |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 50             |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 25             |  |  |
|            |  |             |               |             |                             |                                      |                                | 50                               |          |                                       |                |  |  |

<sup>1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>2</sup> Maximum thermal current setting value.

- 32AF high breaking capacity, rotary handle types

| Type       | Capacity of 3-phase standard motor and total load current <sup>1</sup> |             |               |             | Current In [A] <sup>2</sup> | Thermal current setting range le [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |          | TÜV license No.                       | EN/IEC/ others |  |  |
|------------|--|-------------|---------------|-------------|-----------------------------|--------------------------------------|--------------------------------|----------------------------------|----------|---------------------------------------|----------------|--|--|
|            | 200-240V AC  |             | 380-440V AC   |             |                             |                                      |                                | 240V AC                          | 145V AC  |                                       |                |  |  |
|            | Capacity [kw]  | Current [A] | Capacity [kw] | Current [A] |                             |                                      |                                |                                  |          |                                       |                |  |  |
| BM3RHB-P16 | -  | -           | 0.02          | (0.1)       | 0.16                        | 0.1-0.16                             | 2.1                            | 100                              | R2050628 | EN60947-1<br>EN60947-2<br>EN60947-4-1 |                |  |  |
| BM3RHB-P25 | 0.03   | 0.24        | 0.06          | 0.21        | 0.25                        | 0.16-0.25                            | 3.3                            |                                  |          |                                       |                |  |  |
| BM3RHB-P40 | 0.06   | 0.37        | 0.1           | 0.34        | 0.4                         | 0.25-0.4                             | 5.2                            |                                  |          |                                       |                |  |  |
| BM3RHB-P63 | 0.06   | 0.37        | 0.12          | 0.41        | 0.63                        | 0.4-0.63                             | 8.2                            |                                  |          |                                       |                |  |  |
| BM3RHB-001 | 0.1  | 0.68        | 0.2           | 0.7         | 1                           | 0.63-1                               | 13                             |                                  |          |                                       |                |  |  |
| BM3RHB-1P6 | 0.2  | 1.3         | 0.4           | 1.2         | 1.6                         | 1-1.6                                | 20.8                           |                                  |          |                                       |                |  |  |
| BM3RHB-2P5 | 0.4  | 2.3         | 0.75          | 1.8         | 2.5                         | 1.6-2.5                              | 32.5                           |                                  |          |                                       |                |  |  |
| BM3RHB-004 | 0.75   | 3.6         | 1.5           | 3.1         | 4                           | 2.5-4                                | 52                             |                                  |          |                                       |                |  |  |
| BM3RHB-6P3 | 1.5  | 6.1         | 2.2           | 4.6         | 6.3                         | 4-6.3                                | 81.9                           |                                  |          |                                       |                |  |  |
| BM3RHB-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            |                                  |          |                                       |                |  |  |
| BM3RHB-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |          |                                       |                |  |  |
| BM3RHB-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |          |                                       |                |  |  |
| BM3RHB-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |          |                                       |                |  |  |
| BM3RHB-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |          |                                       |                |  |  |
| BM3RHB-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |          |                                       |                |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 50             |  |  |

<sup>1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>2</sup> Maximum thermal current setting value.

- 63AF standard breaking capacity, rotary handle types

| Type       | Capacity of 3-phase standard motor and total load current <sup>1</sup> |             |               |             | Current In [A] <sup>2</sup> | Thermal current setting range le [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |          | TÜV license No.                       | EN/IEC/ others |  |  |
|------------|--|-------------|---------------|-------------|-----------------------------|--------------------------------------|--------------------------------|----------------------------------|----------|---------------------------------------|----------------|--|--|
|            | 200-240V AC  |             | 380-440V AC   |             |                             |                                      |                                | 240V AC                          | 415V AC  |                                       |                |  |  |
|            | Capacity [kw]  | Current [A] | Capacity [kw] | Current [A] |                             |                                      |                                |                                  |          |                                       |                |  |  |
| BM3VSB-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            | 100                              | R2050628 | EN60947-1<br>EN60947-2<br>EN60947-4-1 |                |  |  |
| BM3VSB-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |          |                                       |                |  |  |
| BM3VSB-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |          |                                       |                |  |  |
| BM3VSB-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |          |                                       |                |  |  |
| BM3VSB-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |          |                                       |                |  |  |
| BM3VSB-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |          |                                       |                |  |  |
| BM3VSB-040 | 7.5  | 29          | 18.5          | 34          | 40                          | 28-40                                | 520                            |                                  |          |                                       |                |  |  |
| BM3VSB-050 | 11   | 42          | 22            | 39          | 50                          | 35-50                                | 650                            |                                  |          |                                       |                |  |  |
| BM3VSB-063 | 15   | 55          | 30            | 54          | 63                          | 45-63                                | 819                            |                                  |          |                                       |                |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 50             |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 25             |  |  |

<sup>1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>2</sup> Maximum thermal current setting value.

- 63AF high breaking capacity, rotary handle types

| Type       | Capacity of 3-phase standard motor and total load current <sup>1</sup> |             |               |             | Current In [A] <sup>2</sup> | Thermal current setting range le [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |          | TÜV license No.                       | EN/IEC/ others |  |  |
|------------|--|-------------|---------------|-------------|-----------------------------|--------------------------------------|--------------------------------|----------------------------------|----------|---------------------------------------|----------------|--|--|
|            | 200-240V AC  |             | 380-440V AC   |             |                             |                                      |                                | 240V AC                          | 415V AC  |                                       |                |  |  |
|            | Capacity [kw]  | Current [A] | Capacity [kw] | Current [A] |                             |                                      |                                |                                  |          |                                       |                |  |  |
| BM3VHB-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            | 100                              | R2050628 | EN60947-1<br>EN60947-2<br>EN60947-4-1 |                |  |  |
| BM3VHB-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |          |                                       |                |  |  |
| BM3VHB-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |          |                                       |                |  |  |
| BM3VHB-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |          |                                       |                |  |  |
| BM3VHB-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |          |                                       |                |  |  |
| BM3VHB-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |          |                                       |                |  |  |
| BM3VHB-040 | 7.5  | 29          | 18.5          | 34          | 40                          | 28-40                                | 520                            |                                  |          |                                       |                |  |  |
| BM3VHB-050 | 11   | 42          | 22            | 39          | 50                          | 35-50                                | 650                            |                                  |          |                                       |                |  |  |
| BM3VHB-063 | 15   | 55          | 30            | 54          | 63                          | 45-63                                | 819                            |                                  |          |                                       |                |  |  |
|            |  |             |               |             |                             |                                      |                                |                                  |          |                                       | 50             |  |  |

<sup>1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>2</sup> Maximum thermal current setting value.

- Adjustable Rated Current Type, Applicable to Round Solderless Terminals

| Type       | Capacity of 3-phase standard motor and total load current <sup>1</sup> |             |               |             | Current In [A] <sup>2</sup> | Thermal current setting range le [A] | Instantaneous trip current [A] | Rated breaking capacity Icu [kA] |         | TUV license No. | EN/IEC/ others                           |
|------------|--|-------------|---------------|-------------|-----------------------------|--------------------------------------|--------------------------------|----------------------------------|---------|-----------------|--|
|            | 200-240V AC  |             | 380-440V AC   |             |                             |                                      |                                | 240V AC                          | 145V AC |                 |  |
|            | Capacity [kw]  | Current [A] | Capacity [kw] | Current [A] |                             |                                      |                                |                                  |         |                 |  |
| BM3RSR-P16 | —  | —           | 0.02          | 0.1         | 0.16                        | 0.1-0.16                             | 2.1                            | 100                              | 100     | R2050628        | IEC60947-1<br>IEC60947-2<br>IEC60947-4-1 |
| BM3RSR-P25 | 0.03   | 0.24        | 0.06          | 0.21        | 0.25                        | 0.16-0.25                            | 3.3                            |                                  |         |                 |  |
| BM3RSR-P40 | 0.06   | 0.37        | 0.1           | 0.34        | 0.4                         | 0.25-0.4                             | 5.2                            |                                  |         |                 |  |
| BM3RSR-P63 | 0.06   | 0.37        | 0.12          | 0.41        | 0.63                        | 0.4-0.63                             | 8.2                            |                                  |         |                 |  |
| BM3RSR-001 | 0.1  | 0.68        | 0.2           | 0.7         | 1                           | 0.63-1                               | 13                             |                                  |         |                 |  |
| BM3RSR-1P6 | 0.2  | 1.3         | 0.4           | 1.2         | 1.6                         | 1-1.6                                | 20.8                           |                                  |         |                 |  |
| BM3RSR-2P5 | 0.4  | 2.3         | 0.75          | 1.8         | 2.5                         | 1.6-2.5                              | 32.5                           |                                  |         |                 |  |
| BM3RSR-004 | 0.75   | 3.6         | 1.5           | 3.1         | 4                           | 2.5-4                                | 52                             |                                  |         |                 |  |
| BM3RSR-6P3 | 1.5  | 6.1         | 2.2           | 4.8         | 6.3                         | 4-6.3                                | 81.9                           |                                  |         |                 |  |
| BM3RSR-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            |                                  |         |                 |  |
| BM3RSR-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |         |                 |  |
| BM3RSR-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |         |                 |  |
| BM3RSR-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |         |                 |  |
| BM3RSR-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |         |                 |  |
| BM3RSR-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |         |                 |  |
| BM3RHR-P16 | —  | —           | 0.02          | 0.1         | 0.16                        | 0.1-0.16                             | 2.1                            |                                  |         |                 |  |
| BM3RHR-P25 | 0.03   | 0.24        | 0.06          | 0.21        | 0.25                        | 0.16-0.25                            | 3.3                            |                                  |         |                 |  |
| BM3RHR-P40 | 0.06   | 0.37        | 0.1           | 0.34        | 0.4                         | 0.25-0.4                             | 5.2                            |                                  |         |                 |  |
| BM3RHR-P63 | 0.06   | 0.37        | 0.12          | 0.41        | 0.63                        | 0.4-0.63                             | 8.2                            |                                  |         |                 |  |
| BM3RHR-001 | 0.1  | 0.68        | 0.2           | 0.7         | 1                           | 0.63-1                               | 13                             |                                  |         |                 |  |
| BM3RHR-1P6 | 0.2  | 1.3         | 0.4           | 1.2         | 1.6                         | 1-1.6                                | 20.8                           |                                  |         |                 |  |
| BM3RHR-2P5 | 0.4  | 2.3         | 0.75          | 1.8         | 2.5                         | 1.6-2.5                              | 32.5                           |                                  |         |                 |  |
| BM3RHR-004 | 0.75   | 3.6         | 1.5           | 3.1         | 4                           | 2.5-4                                | 52                             |                                  |         |                 |  |
| BM3RHR-6P3 | 1.5  | 6.1         | 2.2           | 4.6         | 6.3                         | 4-6.3                                | 81.9                           |                                  |         |                 |  |
| BM3RHR-010 | 2.2  | 9.2         | 3.7           | 7.5         | 10                          | 6.3-10                               | 130                            |                                  |         |                 |  |
| BM3RHR-013 | 2.2  | 9.2         | 5.5           | 11          | 13                          | 9-13                                 | 169                            |                                  |         |                 |  |
| BM3RHR-016 | 3.7  | 15          | 7.5           | 15          | 16                          | 11-16                                | 208                            |                                  |         |                 |  |
| BM3RHR-020 | 3.7  | 15          | 7.5           | 15          | 20                          | 14-20                                | 260                            |                                  |         |                 |  |
| BM3RHR-025 | 5.5  | 22.5        | 11            | 21          | 25                          | 19-25                                | 325                            |                                  |         |                 |  |
| BM3RHR-032 | 7.5  | 29          | 15            | 28          | 32                          | 24-32                                | 416                            |                                  |         |                 |  |

<sup>1</sup> Motor full-load currents are based on FUJI's standard type totally-enclosed induction motors.

<sup>2</sup> Maximum thermal current setting value.