



M1P...



M2P...



M1N



M3N



M3PA

**Enclosed direct-on-line starters**

- Supplied complete with thermal overload start and stop/reset pushbuttons

| type   | motor rating<br>AC3 (400V) | overload<br>range | description                     | housing    |
|--|----------------------------|-------------------|---------------------------------|------------|
| <b>M series - Standard DOL starters with BF contactors</b> |                            |                   |                                 |            |
| • Insulated IP65 polycarbonate enclosure                   |                            |                   | M1P (H)202 x (W) 88 x (D)156 mm |            |
|  |                            |                   | M2P (H)234 x (W)110 x (D)162 mm |            |
|  |                            |                   | M3P (H)280 x (W)220 x (D)187 mm |            |
| M1P00912A4   | 0.25kW                     | 0.63 - 1.0A       | direct-on-line starter          | PC / IP65  |
| M1P00912A5   | 0.55kW                     | 1.0 - 1.6A        | direct-on-line starter          | PC / IP65  |
| M1P00912A6   | 0.75kW                     | 1.6 - 2.5A        | direct-on-line starter          | PC / IP65  |
| M1P00912A7   | 1.5kW                      | 2.5 - 4.0A        | direct-on-line starter          | PC / IP65  |
| M1P00912A8   | 2.2kW                      | 4.0 - 6.5A        | direct-on-line starter          | PC / IP65  |
| M1P00912A9   | 4.0kW                      | 6.3 - 10A         | direct-on-line starter          | PC / IP65  |
| M1P00912B0   | 5.5kW                      | 9 - 14A           | direct-on-line starter          | PC / IP65  |
| M1P01812B1   | 7.5kW                      | 13 - 18A          | direct-on-line starter          | PC / IP65  |
| M2P02512B2   | 11.0kW                     | 17 - 23A          | direct-on-line starter          | PC / IP65  |
| M2P03212B4   | 15.0kW                     | 24 - 32A          | direct-on-line starter          | PC / IP65  |
| M2P03812B5   | 18.5kW                     | 32 - 38A          | direct-on-line starter          | PC / IP65  |
| M3P05012B6   | 22.0kW                     | 35 - 50A          | direct-on-line starter          | ABS / IP65 |
| M3P06512B7   | 30.0kW                     | 45 - 65A          | direct-on-line starter          | ABS / IP65 |
| M3P08012B8   | 37.0kW                     | 60 - 82A          | direct-on-line starter          | ABS / IP65 |

Supplied standard with 400V coils

Specify others voltages (add to part number): 024/048/110/230

**Extra charge for above, with on-load isolator**

- Padlockable in OFF position, interlocked in ON position

|      |   |              |
|------|---|--------------|
| I16* | with padlockable interlocking isolator (in M2P enclosure) | up to 7.5kW  |
| I40* | with padlockable interlocking isolator (in M2P enclosure) | up to 18.5kW |
| I80* | with padlockable interlocking isolator (in M3P enclosure) | up to 37.0kW |

\* Add part number to end of starter part number

**Accessories**

|       |   |                          |
|-------|---|--------------------------|
| M1PA  | empty housing with start-stop/reset pushbuttons (IP65)    | BF09...18                |
| M2PA  | empty housing with start-stop/reset pushbuttons (IP65)    | BF25..38                 |
| M3PA  | empty housing with start-stop/reset pushbuttons (IP65)    | BF50..94                 |
| M1N   | empty housing without external pushbuttons (IP65)         | 202 x 88 x 135 mm        |
| M2N   | empty housing without external pushbuttons (IP65)         | 234 x 110 x 149 mm       |
| M3N   | empty housing without external pushbuttons (IP65)         | 280 x 233 x 170 mm       |
| M25N  | housing no external pushbuttons (IP65) with chassis plate | 210 x 175 x 149 mm       |
| MX31  | metal chassis/mounting plate                              | (for M25N enclosures)    |
| MX30  | metal chassis/mounting plate                              | (for M3N enclosures)     |
| MX21P | fixing adaptor for pushbutton contact blocks              | (for M1/2/25 enclosures) |
| MX11P | stop/reset button extension rod                           | (for M1 enclosures)      |
| MX12P | stop/reset button extension rod                           | (for M2/25 enclosures)   |

**Reversing DOL starters (enclosed) (IP65)**

- Supplied complete with thermal overload and forward - stop - reverse pushbuttons

| RM25 starters | mounted into M25N enclosure (H) 210 x (W) 175 x (D) 165 mm |            |                            |            |
|---------------|--|------------|----------------------------|------------|
| RM25P09A5     | 0.37kW   | 0.1 - 1.6A | enclosed reversing starter | PC / IP65  |
| RM25P09A6     | 0.75kW   | 1.6 - 2.5A | enclosed reversing starter | PC / IP65  |
| RM25P09A7     | 1.5kW  | 2.5 - 4.0A | enclosed reversing starter | PC / IP65  |
| RM25P09A8     | 2.2kW  | 4.0 - 6.5A | enclosed reversing starter | PC / IP65  |
| RM25P09A9     | 4.0kW  | 6.3 - 10A  | enclosed reversing starter | PC / IP65  |
| RM25P12B0     | 5.5kW  | 9 - 14A    | enclosed reversing starter | PC / IP65  |
| RM25P18B1     | 7.5kW  | 13 - 18A   | enclosed reversing starter | PC / IP65  |
| RM25P25B2     | 11.0kW   | 17 - 23A   | enclosed reversing starter | PC / IP65  |
| RM25P32B3     | 15.0kW   | 24 - 32A   | enclosed reversing starter | PC / IP65  |
| RM25P38B5     | 18.5kW   | 32 - 38A   | enclosed reversing starter | PC / IP65  |
| RM3 starters  | mounted into M3N enclosure (H) 280 x (W) 220 x (D) 187 mm  |            |                            |            |
| RM3P50B6      | 22.0kW   | 35 - 50A   | enclosed reversing starter | ABS / IP65 |
| RM3P65B7      | 30.0kW   | 45 - 65A   | enclosed reversing starter | ABS / IP65 |
| RM3P80B8      | 37.0kW   | 60 - 82A   | enclosed reversing starter | ABS / IP65 |

**With mounted on-load isolator (extra charges)**

|      |          |   |              |
|------|----------|---|--------------|
| I16* | isolator | with padlockable door interlocking isolator | up to 7.5kW  |
| I40* | isolator | with padlockable door interlocking isolator | up to 18.5kW |
| I80* | isolator | with padlockable door interlocking isolator | up to 37.0kW |

\* Add part number to end of starter part number