

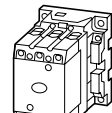
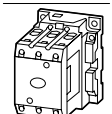
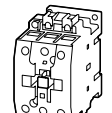
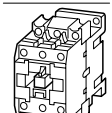
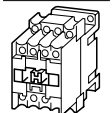
**DIL contactors**  
3-pole, 4-pole basic units

Contactors

| Rated operational current    | Max. rating for three-phase motors, 50 – 60 Hz |                           |                           |                  |                           |                           |                           |                  | Conventional thermal current $I_{th} = I_e$ AC-1 |                | Circuit symbol |
|------------------------------|--|---------------------------|---------------------------|------------------|---------------------------|---------------------------|---------------------------|------------------|--|----------------|----------------|
|                              | AC-3   |                           |                           |                  | AC-4                      |                           |                           |                  | Open   | Enclosed       |                |
| 380 V<br>400 V<br>$I_e$<br>A | 220 V<br>230 V<br>P<br>kW                      | 380 V<br>400 V<br>P<br>kW | 660 V<br>690 V<br>P<br>kW | 1000V<br>P<br>kW | 220 V<br>230 V<br>P<br>kW | 380 V<br>400 V<br>P<br>kW | 660 V<br>690 V<br>P<br>kW | 1000V<br>P<br>kW | $I_{th} = I_e$                                   | $I_{th} = I_e$ |                |

**Basic units**

| 4-pole | Screw terminals | 8.8  | 2.2  | 4    | 5.5  | –  | 1.5  | 3    | 4    | –  | 20  | 16  |  |
|--------|-----------------|------|------|------|------|----|------|------|------|----|-----|-----|--|
| 3-pole |                 | 8.8  | 2.2  | 4    | 5.5  | –  | 1.5  | 3    | 4    | –  | 20  | 16  |  |
|        |                 | 8.8  | 2.2  | 4    | 5.5  | –  | 1.5  | 3    | 4    | –  | 20  | 16  |  |
|        |                 | 8.8  | 2.2  | 4    | 5.5  | –  | 1.5  | 3    | 4    | –  | 20  | 16  |  |
|        |                 | 12   | 3    | 5.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 12   | 3    | 5.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 12   | 3    | 5.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 15.5 | 4    | 7.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 15.5 | 4    | 7.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 15.5 | 4    | 7.5  | 7.5  | –  | 2.2  | 4    | 5.5  | –  | 20  | 16  |  |
|        |                 | 15.5 | 4    | 7.5  | 11   | –  | 3    | 5.5  | 7.5  | –  | 35  | 30  |  |
|        |                 | 22.5 | 5.5  | 11   | 15   | –  | 4    | 7.5  | 11   | –  | 35  | 30  |  |
|        |                 | 30   | 7.5  | 15   | 18.5 | –  | 5.5  | 11   | 15   | –  | 55  | 44  |  |
|        |                 | 36   | 11   | 18.5 | 22   | –  | 7.5  | 15   | 18.5 | –  | 55  | 44  |  |
|        |                 | 43   | 15   | 22   | 30   | –  | 11   | 18.5 | 22   | –  | 90  | 80  |  |
|        |                 | 58   | 18.5 | 30   | 37   | –  | 15   | 22   | 30   | –  | 90  | 80  |  |
|        |                 | 72   | 22   | 37   | 55   | 37 | 18.5 | 30   | 45   | 30 | 100 | 90  |  |
|        |                 | 85   | 25   | 45   | 75   | 45 | 22   | 37   | 45   | 37 | 100 | 90  |  |
|        |                 | 104  | 37   | 55   | 90   | 55 | 26   | 45   | 55   | 45 | 160 | 140 |  |
|        |                 | 142  | 45   | 75   | 110  | 65 | 30   | 55   | 75   | 55 | 160 | 140 |  |



**Notes**  
Motor rating AC-3, AC-4; 660/690 V and 1000 V: Do not reverse directly  
The contactors DIL3M80 to DIL4AM145 can be snap-fitted onto a 75 mm top-hat rail to EN 50023.  
DC operated contactors have an integrated suppressor (varistor).  
Do not reverse directly for 660 V, 690 V and 1000 V.

**DIL contactors**  
3-pole, 4-pole basic units

Contactors

| Can be combined with auxiliary contact module   | AC operation<br>Type<br>Article no.     | Price<br>See<br>Price<br>List | DC operation<br>Type<br>Article no. | Price<br>See<br>Price<br>List | Std. pack | Notes   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|---|---|-------------------------------|-------------------------------------|-------------------------------|-----------|---|---|----------------|-----|---|---|----------|---|-------------------------|------|---|-----------------------------|------|---|------------------------------------|------|---|--------------------------------|------|---|---------------------------------|------|---|--|-------------------|-------------|--|------|--------------------------|--|------|
|   | ...DILM<br>...DIL                       |                               | DIL00M4(230V50HZ)<br>046929         | DIL00M4-G(24VDC)<br>063171    | 1 off     | <p><b>Accessories</b></p> <table border="1"> <tr><td>1</td><td>Overload relay</td><td>7/4</td></tr> <tr><td>2</td><td>Amplifier modules or suppressor circuit</td><td>6/37, 32</td></tr> <tr><td>3</td><td>Pneumatic timer modules</td><td>6/36</td></tr> <tr><td>4</td><td>Mechanical latching modules</td><td>6/36</td></tr> <tr><td>5</td><td>Additional 4th pole from DIL0M(-G)</td><td>6/36</td></tr> <tr><td>6</td><td>Top mounting auxiliary contact</td><td>6/20</td></tr> <tr><td>7</td><td>Side mounting auxiliary contact</td><td>6/21</td></tr> <tr><td colspan="2">Enclosure <span style="border: 1px solid black; padding: 1px;">totally insulated</span></td><td>Electr. Catalogue</td></tr> <tr><td colspan="2">Accessories</td><td>6/32</td></tr> <tr><td colspan="2">Other actuating voltages</td><td>6/41</td></tr> </table> | 1 | Overload relay | 7/4 | 2 | Amplifier modules or suppressor circuit | 6/37, 32 | 3 | Pneumatic timer modules | 6/36 | 4 | Mechanical latching modules | 6/36 | 5 | Additional 4th pole from DIL0M(-G) | 6/36 | 6 | Top mounting auxiliary contact | 6/20 | 7 | Side mounting auxiliary contact | 6/21 | Enclosure <span style="border: 1px solid black; padding: 1px;">totally insulated</span> |  | Electr. Catalogue | Accessories |  | 6/32 | Other actuating voltages |  | 6/41 |
| 1   | Overload relay                          | 7/4                           |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 2   | Amplifier modules or suppressor circuit | 6/37, 32                      |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 3   | Pneumatic timer modules                 | 6/36                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 4   | Mechanical latching modules             | 6/36                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 5   | Additional 4th pole from DIL0M(-G)      | 6/36                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 6   | Top mounting auxiliary contact          | 6/20                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| 7   | Side mounting auxiliary contact         | 6/21                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| Enclosure <span style="border: 1px solid black; padding: 1px;">totally insulated</span> |   | Electr. Catalogue             |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| Accessories   |   | 6/32                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| Other actuating voltages  |   | 6/41                          |                                     |                               |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DILM<br>...DIL                       |                               | DIL00M(230V50HZ)<br>061217          | DIL00M-G(24VDC)<br>048587     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00M-10(230V50HZ)<br>046646       | DIL00M-G-10(24VDC)<br>048670  |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00M-01(230V50HZ)<br>046654       | DIL00M-G-01(24VDC)<br>048665  |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DILM<br>...DIL                       |                               | DIL00AM(230V50HZ)<br>061224         | DIL00AM-G(24VDC)<br>048567    |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00AM-10(230V50HZ)<br>046678      | DIL00AM-G-10(24VDC)<br>048650 |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00AM-01(230V50HZ)<br>046686      | DIL00AM-G-01(24VDC)<br>048645 |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DILM<br>...DIL                       |                               | DIL00BM(230V50HZ)<br>061233         | DIL00BM-G(24VDC)<br>048572    |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00BM-10(230V50HZ)<br>061241      | DIL00BM-G-10(24VDC)<br>048582 |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   | ...DIL                                  |                               | DIL00BM-01(230V50HZ)<br>061249      | DIL00BM-G-01(24VDC)<br>048577 |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| DILM820-<br>XHI...-SI   | ...DILM                                 |                               | DIL0M(230V50HZ)<br>061257           | DIL0M-G(24VDC)<br>048597      |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| ...DIL  | ...DIL                                  |                               | DIL0AM(230V50HZ)<br>061265          | DIL0AM-G(24VDC)<br>048592     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| ...SDILM  |   |                               | DIL1M(230V50HZ)<br>061273           | DIL1M-G(24VDC)<br>048605      |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL1AM(230V50HZ)<br>061457          | DIL1AM-G(24VDC)<br>048602     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL2M(230V50HZ)<br>046566           | DIL2M-G(24VDC)<br>048615      |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL2AM(230V50HZ)<br>046574          | DIL2AM-G(24VDC)<br>048610     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
| DILM820-<br>XHI...  |   |                               | DIL3M80(230V50HZ)<br>209694         | DIL3M80(24VDC)<br>209709      |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL3AM85(230V50HZ)<br>209726        | DIL3AM85(24VDC)<br>209737     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL4M115(230V50HZ)<br>209753        | DIL4M115(24VDC)<br>209765     |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |
|   |   |                               | DIL4AM145(230V50HZ)<br>209781       | DIL4AM145(24VDC)<br>209792    |           |   |   |                |     |   |   |          |   |                         |      |   |                             |      |   |                                    |      |   |                                |      |   |                                 |      |   |  |                   |             |  |      |                          |  |      |

**Accessories**

|                          |   |          |
|--------------------------|---|----------|
| 1                        | Overload relay                          | 7/4      |
| 2                        | Amplifier modules or suppressor circuit | 6/37, 32 |
| 3                        | Side mounting auxiliary contacts        | 6/21     |
| Other actuating voltages |   | 6/41     |

