

**Contactor, 3 pole, 380 V 400 V 30 kW, 230 V 50 Hz, 240 V 60 Hz, AC operation, Screw terminals**

**Part no.** **DILM65(230V50HZ,240V60HZ)**  
**277894**  
**EL Number** **4130457**  
**(Norway)**

|                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                           | Eaton Moeller® series DILM contactor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Part no.                               | DILM65(230V50HZ,240V60HZ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| EAN                                    | 4015082778941                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Length/Depth                   | 132.1 millimetre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product height                         | 115 millimetre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product width                          | 55 millimetre                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product weight                         | 0.872 kilogram                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Compliances                            | CE Marked                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Certifications                         | IEC 60947-4-1<br>CSA Std. C22.2 No. 14-05<br>EN 60947-4-1<br>UL 508<br>IEC/EN 60947-4-1<br>UL Category Control No.: NLDX<br>IEC/EN 60947<br>CSA-C22.2 No. 60947-4-1-14<br>UL File No.: E29096<br>CSA File No.: 012528<br>CSA<br>CE<br>VDE 0660<br>UL<br>CSA Class No.: 2411-03, 3211-04<br>UL 60947-4-1                                                                                                                                                                                                                                                                                       |
| Product Tradename                      | DILM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Type                           | Contactor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Sub Type                       | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Catalog Notes                          | Contacts according to EN 50012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Application                            | Contactors for Motors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Degree of protection                   | IP00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Frame size                             | FS3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Lifespan, mechanical                   | 10,000,000 Operations (AC operated)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Operating frequency                    | 5000 mechanical Operations/h (AC operated)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Overvoltage category                   | III                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pollution degree                       | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Product category                       | Contactors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Protection                             | Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rated impulse withstand voltage (Uimp) | 8000 V AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Resistance per pole                    | 1.9 mΩ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Suitable for                           | Also motors with efficiency class IE3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Type                                   | Full voltage non-reversing contactor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Utilization category                   | AC-1: Non-inductive or slightly inductive loads, resistance furnaces<br>AC-3: Normal AC induction motors: starting, switch off during running<br>AC-4: Normal AC induction motors: starting, plugging, reversing, inching                                                                                                                                                                                                                                                                                                                                                                     |
| Voltage type                           | AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Shock resistance                       | 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms<br>7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms<br>10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms<br>5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms<br>5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms |

|                                                             |  |                                                                                                                                                                                                                          |
|-------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             |  | 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms                                                                                                                          |
|                                                             |  |                                                                                                                                                                                                                          |
| Altitude                                                    |  | Max. 2000 m                                                                                                                                                                                                              |
| Ambient operating temperature - min                         |  | -25 °C                                                                                                                                                                                                                   |
| Ambient operating temperature - max                         |  | 60 °C                                                                                                                                                                                                                    |
| Ambient operating temperature (enclosed) - min              |  | 25 °C                                                                                                                                                                                                                    |
| Ambient operating temperature (enclosed) - max              |  | 40 °C                                                                                                                                                                                                                    |
| Ambient storage temperature - min                           |  | 40 °C                                                                                                                                                                                                                    |
| Ambient storage temperature - max                           |  | 80 °C                                                                                                                                                                                                                    |
| Climatic proofing                                           |  | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30                                                                                                                                           |
|                                                             |  |                                                                                                                                                                                                                          |
| Emitted interference                                        |  | According to EN 60947-1                                                                                                                                                                                                  |
| Interference immunity                                       |  | According to EN 60947-1                                                                                                                                                                                                  |
|                                                             |  |                                                                                                                                                                                                                          |
| Terminals                                                   |  | Screw terminals                                                                                                                                                                                                          |
| Terminal capacity (copper band)                             |  | 2 x (6 x 9 x 0.8) mm (Number of segments x width x thickness), Main cables                                                                                                                                               |
| Terminal capacity (flexible with ferrule)                   |  | 1 x (0.75 - 35) mm <sup>2</sup> , Main cables<br>1 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables<br>2 x (0.75 - 25) mm <sup>2</sup> , Main cables<br>2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables |
| Terminal capacity (solid)                                   |  | 2 x (0.75 - 16) mm <sup>2</sup> , Main cables<br>1 x (0.75 - 4) mm <sup>2</sup> , Control circuit cables<br>2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables<br>1 x (0.75 - 16) mm <sup>2</sup> , Main cables   |
| Terminal capacity (solid/stranded AWG)                      |  | Single 14 - 1, double 14 - 2, Main cables<br>18 - 14, Control circuit cables                                                                                                                                             |
| Terminal capacity (stranded)                                |  | 1 x (16 - 50) mm <sup>2</sup> , Main cables<br>2 x (16 - 35) mm <sup>2</sup> , Main cables                                                                                                                               |
| Stripping length (main cable)                               |  | 14 mm                                                                                                                                                                                                                    |
| Stripping length (control circuit cable)                    |  | 10 mm                                                                                                                                                                                                                    |
| Screw size                                                  |  | M6, Terminal screw, Main cables<br>M3.5, Terminal screw, Control circuit cables                                                                                                                                          |
| Screwdriver size                                            |  | 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver<br>2, Terminal screw, Pozidriv screwdriver                                                                                                                      |
| Tightening torque                                           |  | 1.2 Nm, Screw terminals, Control circuit cables<br>3.3 Nm, Screw terminals, Main cables                                                                                                                                  |
|                                                             |  |                                                                                                                                                                                                                          |
| Rated breaking capacity at 220/230 V                        |  | 650 A                                                                                                                                                                                                                    |
| Rated breaking capacity at 380/400 V                        |  | 650 A                                                                                                                                                                                                                    |
| Rated breaking capacity at 500 V                            |  | 650 A                                                                                                                                                                                                                    |
| Rated breaking capacity at 660/690 V                        |  | 370 A                                                                                                                                                                                                                    |
| Rated operational current (Ie) at AC-1, 380 V, 400 V, 415 V |  | 98 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-3, 220 V, 230 V, 240 V |  | 65 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-3, 380 V, 400 V, 415 V |  | 65 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-3, 440 V               |  | 65 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-3, 500 V               |  | 65 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-3, 660 V, 690 V        |  | 37 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-4, 220 V, 230 V, 240 V |  | 25 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-4, 440 V               |  | 25 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-4, 500 V               |  | 25 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at AC-4, 660 V, 690 V        |  | 20 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at DC-1, 60 V                |  | 72 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at DC-1, 110 V               |  | 72 A                                                                                                                                                                                                                     |
| Rated operational current (Ie) at DC-1, 220 V               |  | 65 A                                                                                                                                                                                                                     |
| Rated insulation voltage (Ui)                               |  | 690 V                                                                                                                                                                                                                    |
| Rated making capacity up to 690 V (cos phi to IEC/EN 60947) |  | 910 A                                                                                                                                                                                                                    |
| Rated operational power at AC-3, 240 V, 50 Hz               |  | 22 kW                                                                                                                                                                                                                    |
| Rated operational power at AC-3, 380/400 V, 50 Hz           |  | 30 kW                                                                                                                                                                                                                    |
| Rated operational power at AC-3, 415 V, 50 Hz               |  | 39 kW                                                                                                                                                                                                                    |

|                                                                  |  |                                                                                                                                             |
|------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------|
| Rated operational power at AC-3, 440 V, 50 Hz                    |  | 41 kW                                                                                                                                       |
| Rated operational power at AC-3, 500 V, 50 Hz                    |  | 47 kW                                                                                                                                       |
| Rated operational power at AC-3, 690 V, 50 Hz                    |  | 35 kW                                                                                                                                       |
| Rated operational power at AC-4, 220/230 V, 50 Hz                |  | 7 kW                                                                                                                                        |
| Rated operational power at AC-4, 240 V, 50 Hz                    |  | 7.5 kW                                                                                                                                      |
| Rated operational power at AC-4, 415 V, 50 Hz                    |  | 13 kW                                                                                                                                       |
| Rated operational power at AC-4, 440 V, 50 Hz                    |  | 14 kW                                                                                                                                       |
| Rated operational power at AC-4, 500 V, 50 Hz                    |  | 16 kW                                                                                                                                       |
| Rated operational power at AC-4, 660/690 V, 50 Hz                |  | 17 kW                                                                                                                                       |
| Rated operational voltage (Ue) at AC - max                       |  | 690 V                                                                                                                                       |
|                                                                  |  |                                                                                                                                             |
| Short-circuit current rating (basic rating)                      |  | 10 kA, SCCR (UL/CSA)<br>250 A, max. Fuse, SCCR (UL/CSA)<br>250 A, max. CB, SCCR (UL/CSA)                                                    |
| Short-circuit current rating (high fault at 480 V)               |  | 250/150 A, Class J, max. Fuse, SCCR (UL/CSA)<br>65 kA, CB, SCCR (UL/CSA)<br>30/100 kA, Fuse, SCCR (UL/CSA)<br>100 A, max. CB, SCCR (UL/CSA) |
| Short-circuit current rating (high fault at 600 V)               |  | 250/150 A, Class J, max. Fuse, SCCR (UL/CSA)<br>30 kA, CB, SCCR (UL/CSA)<br>250 A, max. CB, SCCR (UL/CSA)<br>30/100 kA, Fuse, SCCR (UL/CSA) |
| Short-circuit protection rating (type 1 coordination) at 400 V   |  | 250 A gG/gL                                                                                                                                 |
| Short-circuit protection rating (type 1 coordination) at 690 V   |  | 100 A gG/gL                                                                                                                                 |
| Short-circuit protection rating (type 2 coordination) at 400 V   |  | 125 A gG/gL                                                                                                                                 |
| Short-circuit protection rating (type 2 coordination) at 690 V   |  | 80 A gG/gL                                                                                                                                  |
|                                                                  |  |                                                                                                                                             |
| Conventional thermal current ith (1-pole, enclosed)              |  | 180 A                                                                                                                                       |
| Conventional thermal current ith (3-pole, enclosed)              |  | 72 A                                                                                                                                        |
| Conventional thermal current ith at 55°C (3-pole, open)          |  | 83 A                                                                                                                                        |
| Conventional thermal current ith at 60°C (3-pole, open)          |  | 80 A                                                                                                                                        |
| Conventional thermal current ith of main contacts (1-pole, open) |  | 200 A                                                                                                                                       |
|                                                                  |  |                                                                                                                                             |
| Switching capacity (main contacts, general use)                  |  | 88 A, Maximum motor rating (UL/CSA)                                                                                                         |
|                                                                  |  |                                                                                                                                             |
| Arcing time                                                      |  | 10 ms                                                                                                                                       |
| Drop-out voltage                                                 |  | AC operated: 0.6 - 0.3 x UC, AC operated                                                                                                    |
| Duty factor                                                      |  | 100 %                                                                                                                                       |
| Pick-up voltage                                                  |  | 0.8 - 1.1 V AC x Uc                                                                                                                         |
| Power consumption                                                |  | 30 kW                                                                                                                                       |
| Power consumption, pick-up, 50 Hz                                |  | 149 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz                                                                          |
| Power consumption, pick-up, 60 Hz                                |  | 178 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz                                                                          |
| Power consumption, sealing, 50 Hz                                |  | 4.1 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz<br>16 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz      |
| Power consumption, sealing, 60 Hz                                |  | 4.1 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz<br>19 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz      |
| Rated control supply voltage (Us) at AC, 50 Hz - min             |  | 230 V                                                                                                                                       |
| Rated control supply voltage (Us) at AC, 50 Hz - max             |  | 230 V                                                                                                                                       |
| Rated control supply voltage (Us) at AC, 60 Hz - min             |  | 240 V                                                                                                                                       |
| Rated control supply voltage (Us) at AC, 60 Hz - max             |  | 240 V                                                                                                                                       |
| Rated control supply voltage (Us) at DC - min                    |  | 0 V                                                                                                                                         |
| Rated control supply voltage (Us) at DC - max                    |  | 0 V                                                                                                                                         |
| Switching time (AC operated, make contacts, closing delay) - min |  | 12 ms                                                                                                                                       |
| Switching time (AC operated, make contacts, closing delay) - max |  | 18 ms                                                                                                                                       |
| Switching time (AC operated, make contacts, opening delay) - min |  | 8 ms                                                                                                                                        |
| Switching time (AC operated, make contacts, opening delay) - max |  | 13 ms                                                                                                                                       |
|                                                                  |  |                                                                                                                                             |
| Assigned motor power at 115/120 V, 60 Hz, 1-phase                |  | 5 HP                                                                                                                                        |
| Assigned motor power at 200/208 V, 60 Hz, 3-phase                |  | 20 HP                                                                                                                                       |

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| Assigned motor power at 230/240 V, 60 Hz, 1-phase                                |  |  | 15 HP                                                                                                                                                                                                                                                                                              |
| Assigned motor power at 230/240 V, 60 Hz, 3-phase                                |  |  | 25 HP                                                                                                                                                                                                                                                                                              |
| Assigned motor power at 460/480 V, 60 Hz, 3-phase                                |  |  | 50 HP                                                                                                                                                                                                                                                                                              |
| Assigned motor power at 575/600 V, 60 Hz, 3-phase                                |  |  | 60 HP                                                                                                                                                                                                                                                                                              |
|                                                                                  |  |  |                                                                                                                                                                                                                                                                                                    |
| Connection                                                                       |  |  | Screw terminals                                                                                                                                                                                                                                                                                    |
| Connection to SmartWire-DT                                                       |  |  | No                                                                                                                                                                                                                                                                                                 |
|                                                                                  |  |  |                                                                                                                                                                                                                                                                                                    |
| Number of auxiliary contacts (normally closed contacts)                          |  |  | 0                                                                                                                                                                                                                                                                                                  |
| Number of auxiliary contacts (normally open contacts)                            |  |  | 0                                                                                                                                                                                                                                                                                                  |
|                                                                                  |  |  |                                                                                                                                                                                                                                                                                                    |
| Safe isolation                                                                   |  |  | 440 V AC, Between the contacts, According to EN 61140<br>440 V AC, Between coil and contacts, According to EN 61140                                                                                                                                                                                |
|                                                                                  |  |  |                                                                                                                                                                                                                                                                                                    |
| Special purpose rating of ballast electrical discharge lamps                     |  |  | 88 A (480V 60Hz 3phase, 277V 60Hz 1phase)<br>88 A (600V 60Hz 3phase, 347V 60Hz 1phase)                                                                                                                                                                                                             |
| Special purpose rating of definite purpose rating                                |  |  | 65 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)<br>390 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)                                                                                                                                                      |
| Special purpose rating of elevator control                                       |  |  | 10 HP, 200 V 60 Hz 3-ph, (UL/CSA)<br>15 HP, 240 V 60 Hz 3-ph, (UL/CSA)<br>42 A, 240 V 60 Hz 3-ph, (UL/CSA)<br>41 A, 600 V 60 Hz 3-ph, (UL/CSA)<br>32.2 A, 200 V 60 Hz 3-ph, (UL/CSA)<br>40 A, 480 V 60 Hz 3-ph, (UL/CSA)<br>30 HP, 480 V 60 Hz 3-ph, (UL/CSA)<br>40 HP, 600 V 60 Hz 3-ph, (UL/CSA) |
| Special purpose rating of resistance air heating                                 |  |  | 88 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)<br>88 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)                                                                                                                                                                                   |
| Special purpose rating of tungsten incandescent lamps                            |  |  | 88 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA)<br>88 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA)                                                                                                                                                                                   |
|                                                                                  |  |  |                                                                                                                                                                                                                                                                                                    |
| Equipment heat dissipation, current-dependent P <sub>vid</sub>                   |  |  | 17.1 W                                                                                                                                                                                                                                                                                             |
| Heat dissipation capacity P <sub>diss</sub>                                      |  |  | 0 W                                                                                                                                                                                                                                                                                                |
| Heat dissipation per pole, current-dependent P <sub>vid</sub>                    |  |  | 5.7 W                                                                                                                                                                                                                                                                                              |
| Rated operational current for specified heat dissipation (I <sub>n</sub> )       |  |  | 65 A                                                                                                                                                                                                                                                                                               |
| Static heat dissipation, non-current-dependent P <sub>vs</sub>                   |  |  | 4.1 W                                                                                                                                                                                                                                                                                              |
| 10.2.2 Corrosion resistance                                                      |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.2.3.1 Verification of thermal stability of enclosures                         |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat       |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.2.5 Lifting                                                                   |  |  | Does not apply, since the entire switchgear needs to be evaluated.                                                                                                                                                                                                                                 |
| 10.2.6 Mechanical impact                                                         |  |  | Does not apply, since the entire switchgear needs to be evaluated.                                                                                                                                                                                                                                 |
| 10.2.7 Inscriptions                                                              |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.3 Degree of protection of assemblies                                          |  |  | Does not apply, since the entire switchgear needs to be evaluated.                                                                                                                                                                                                                                 |
| 10.4 Clearances and creepage distances                                           |  |  | Meets the product standard's requirements.                                                                                                                                                                                                                                                         |
| 10.5 Protection against electric shock                                           |  |  | Does not apply, since the entire switchgear needs to be evaluated.                                                                                                                                                                                                                                 |
| 10.6 Incorporation of switching devices and components                           |  |  | Does not apply, since the entire switchgear needs to be evaluated.                                                                                                                                                                                                                                 |
| 10.7 Internal electrical circuits and connections                                |  |  | Is the panel builder's responsibility.                                                                                                                                                                                                                                                             |
| 10.8 Connections for external conductors                                         |  |  | Is the panel builder's responsibility.                                                                                                                                                                                                                                                             |
| 10.9.2 Power-frequency electric strength                                         |  |  | Is the panel builder's responsibility.                                                                                                                                                                                                                                                             |
| 10.9.3 Impulse withstand voltage                                                 |  |  | Is the panel builder's responsibility.                                                                                                                                                                                                                                                             |
| 10.9.4 Testing of enclosures made of insulating material                         |  |  | Is the panel builder's responsibility.                                                                                                                                                                                                                                                             |
| 10.10 Temperature rise                                                           |  |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.                                                                                                                                                                   |
| 10.11 Short-circuit rating                                                       |  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                                                                                                                                                                                     |
| 10.12 Electromagnetic compatibility                                              |  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                                                                                                                                                                                     |
| 10.13 Mechanical function                                                        |  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                                                                                                                                                                                           |

Technical data ETIM 8.0

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| Low-voltage industrial components (EG000017) / Power contactor, AC switching (EC000066)                                                                                               |    |                  |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Contactor (LV) / Power contactor, AC switching (ecl@ss10.0.1-27-37-10-03 [AAB718015]) |    |                  |
| Rated control supply voltage Us at AC 50HZ                                                                                                                                            | V  | 230 - 230        |
| Rated control supply voltage Us at AC 60HZ                                                                                                                                            | V  | 240 - 240        |
| Rated control supply voltage Us at DC                                                                                                                                                 | V  | 0 - 0            |
| Voltage type for actuating                                                                                                                                                            |    | AC               |
| Rated operation current Ie at AC-1, 400 V                                                                                                                                             | A  | 98               |
| Rated operation current Ie at AC-3, 400 V                                                                                                                                             | A  | 65               |
| Rated operation power at AC-3, 400 V                                                                                                                                                  | kW | 30               |
| Rated operation current Ie at AC-4, 400 V                                                                                                                                             | A  | 25               |
| Rated operation power at AC-4, 400 V                                                                                                                                                  | kW | 12               |
| Rated operation power NEMA                                                                                                                                                            | kW | 37               |
| Modular version                                                                                                                                                                       |    | No               |
| Number of auxiliary contacts as normally open contact                                                                                                                                 |    | 0                |
| Number of auxiliary contacts as normally closed contact                                                                                                                               |    | 0                |
| Type of electrical connection of main circuit                                                                                                                                         |    | Screw connection |
| Number of normally closed contacts as main contact                                                                                                                                    |    | 0                |
| Number of normally open contacts as main contact                                                                                                                                      |    | 3                |