

# Specifications

## Eaton 139536

Eaton Moeller® series DILM Contactor, 380 V 400 V 90 kW, 2 N/O, 2 NC, RAC 120: 100 - 120 V 50/60 Hz, AC operation, Screw connection

### General specifications

|                             |                                                                                                                                                                                                                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series DILM Contactor                                                                                                                                                                                                                                                                   |
| <b>CATALOG NUMBER</b>       | 139536                                                                                                                                                                                                                                                                                                 |
| <b>MODEL CODE</b>           | DILM185A/22(RAC120)                                                                                                                                                                                                                                                                                    |
| <b>EAN</b>                  | 4015081363148                                                                                                                                                                                                                                                                                          |
| <b>PRODUCT LENGTH/DEPTH</b> | 158 mm                                                                                                                                                                                                                                                                                                 |
| <b>PRODUCT HEIGHT</b>       | 190 mm                                                                                                                                                                                                                                                                                                 |
| <b>PRODUCT WIDTH</b>        | 140 mm                                                                                                                                                                                                                                                                                                 |
| <b>PRODUCT WEIGHT</b>       | 3.54 kg                                                                                                                                                                                                                                                                                                |
| <b>COMPLIANCES</b>          | CE Marked                                                                                                                                                                                                                                                                                              |
| <b>CERTIFICATIONS</b>       | EN 60947-4-1<br>IEC 60947-4-1<br>UL 508<br>CSA Std. C22.2 No. 14-05<br>VDE<br>CE<br>IEC/EN 60947-4-1<br>CSA Class No.: 3211-04<br>UL Category Control No.: NLDX<br>UL File No.: E29096<br>UL<br>CSA<br>IEC/EN 60947<br>CSA-C22.2 No. 60947-4-1-14<br>UL 60947-4-1<br>CSA File No.: 2389068<br>VDE 0660 |

### CATALOG NOTES

- Contacts according to EN 50012
- Also tested according to AC-3e up to 500 V.
- Also suitable for motors with



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- efficiency class IE3.
- Conventional thermal current Ith of main contacts (1-pole, open) at 60°

## AC-1/Conventional thermal current Ith

**CONVENTIONAL  
THERMAL CURRENT ITH  
(1-POLE, ENCLOSED)** 613 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
(3-POLE, ENCLOSED)** 245 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
AT 40°C (3-POLE, OPEN)** 337 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
AT 50°C (3-POLE, OPEN)** 301 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
AT 55°C (3-POLE, OPEN)** 287 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
AT 60°C (3-POLE, OPEN)** 275 A

**CONVENTIONAL  
THERMAL CURRENT ITH  
OF MAIN CONTACTS (1-  
POLE, OPEN)** 688 A

## Contacts

**NUMBER OF AUXILIARY  
CONTACTS (NORMALLY  
CLOSED CONTACTS)** 2

**NUMBER OF AUXILIARY  
CONTACTS (NORMALLY  
OPEN CONTACTS)** 2

**NUMBER OF CONTACTS  
(NORMALLY CLOSED  
CONTACTS)** 2

**NUMBER OF CONTACTS  
(NORMALLY OPEN  
CONTACTS)** 2

## Climatic environmental conditions

**ALTITUDE** Max. 2000 m

**AMBIENT OPERATING  
TEMPERATURE - MAX** 60 °C

**AMBIENT STORAGE  
TEMPERATURE - MAX** 80 °C

**AMBIENT OPERATING  
TEMPERATURE - MIN** -40 °C

**AMBIENT OPERATING  
TEMPERATURE  
(ENCLOSED) - MAX** 40 °C

**AMBIENT OPERATING  
TEMPERATURE  
(ENCLOSED) - MIN** -40 °C

**AMBIENT STORAGE  
TEMPERATURE - MIN** -40 °C

**CLIMATIC PROOFING** Damp heat, cyclic, to IEC 60068-2-30  
Damp heat, constant, to IEC 60068-2-78

## Design verification

**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.

|                                                                                         |                                                                    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                         |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                         |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                         |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                         |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Meets the product standard's requirements.                         |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                         |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                         |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                           | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                           | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>                                | Is the panel builder's responsibility.                             |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                                         | Is the panel builder's responsibility.                             |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                                         | Is the panel builder's responsibility.                             |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                                                 | Is the panel builder's responsibility.                             |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>                         | Is the panel builder's responsibility.                             |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>                               | 0 W                                                                |

|                                                                              |        |
|------------------------------------------------------------------------------|--------|
| <b>HEAT DISSIPATION<br/>CAPACITY PDISS</b>                                   | 0 W    |
| <b>HEAT DISSIPATION PER<br/>POLE, CURRENT-<br/>DEPENDENT PVID</b>            | 5.33 W |
| <b>RATED OPERATIONAL<br/>CURRENT FOR SPECIFIED<br/>HEAT DISSIPATION (IN)</b> | 185 A  |
| <b>STATIC HEAT<br/>DISSIPATION, NON-<br/>CURRENT-DEPENDENT<br/>PVS</b>       | 2.1 W  |

## Electrical rating

|                                                                    |                                                                                                                                                        |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>INRUSH CURRENT</b>                                              | Max. 30 x I <sub>e</sub> (peak)                                                                                                                        |
| <b>RATED BREAKING CAPACITY AT 1000 V</b>                           | 760 A                                                                                                                                                  |
| <b>RATED BREAKING CAPACITY AT 220/230 V</b>                        | 2250 A                                                                                                                                                 |
| <b>RATED BREAKING CAPACITY AT 380/400 V</b>                        | 2250 A                                                                                                                                                 |
| <b>RATED BREAKING CAPACITY AT 500 V</b>                            | 2250 A                                                                                                                                                 |
| <b>RATED BREAKING CAPACITY AT 660/690 V</b>                        | 2250 A                                                                                                                                                 |
| <b>RATED INSULATION VOLTAGE (UI)</b>                               | 1000 V                                                                                                                                                 |
| <b>RATED MAKING CAPACITY (COS PHI TO IEC/EN 60947)</b>             | 2700 A                                                                                                                                                 |
| <b>RATED OPERATIONAL CURRENT (IE)</b>                              | 133 A at 690 V (Individual compensation, three-phase capacitors, open)<br>220 A at up to 525 V (Individual compensation, three-phase capacitors, open) |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 1000 V</b>              | 76 A                                                                                                                                                   |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V</b> | 185 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V</b> | 185 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V</b>               | 185 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V</b>               | 185 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V</b>        | 150 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-4, 1000 V</b>              | 55 A                                                                                                                                                   |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V</b> | 136 A                                                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V</b>               | 136 A                                                                                                                                                  |

## General information

|                                               |                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ACCESSORIES</b>                            | Fitting options auxiliary contacts: on the side: 2 x DILM1000-XHI(V)11-SI; 2 x DILM1000-XHI11-SA                                                                                                                                                                                                               |
| <b>APPLICATION</b>                            | Contactors for Motors                                                                                                                                                                                                                                                                                          |
| <b>CONNECTION</b>                             | Screw terminals                                                                                                                                                                                                                                                                                                |
| <b>DEGREE OF PROTECTION</b>                   | IP00                                                                                                                                                                                                                                                                                                           |
| <b>ELECTROMAGNETIC COMPATIBILITY</b>          | Designed for operation in industrial environments. Its use in residential environments may cause radio-frequency interference, requiring additional noise suppression.                                                                                                                                         |
| <b>FITTED WITH:</b>                           | Suppressor circuit in actuating electronics                                                                                                                                                                                                                                                                    |
| <b>LIFESPAN, ELECTRICAL</b>                   | 100,000 Operations (at Condensor operation)                                                                                                                                                                                                                                                                    |
| <b>LIFESPAN, MECHANICAL</b>                   | 10,000,000 Operations (AC operated)                                                                                                                                                                                                                                                                            |
| <b>OPERATING FREQUENCY</b>                    | 200 Operations/h<br>3000 mechanical Operations/h (AC operated)                                                                                                                                                                                                                                                 |
| <b>OVERVOLTAGE CATEGORY</b>                   | III                                                                                                                                                                                                                                                                                                            |
| <b>POLLUTION DEGREE</b>                       | 3                                                                                                                                                                                                                                                                                                              |
| <b>PRODUCT CATEGORY</b>                       | Contactors                                                                                                                                                                                                                                                                                                     |
| <b>PROTECTION</b>                             | Finger and back-of-hand proof with terminal shroud or terminal block, Protection against direct contact when actuated from front (EN 50274)                                                                                                                                                                    |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b> | 8000 V AC                                                                                                                                                                                                                                                                                                      |
| <b>SHOCK RESISTANCE</b>                       | 10 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms<br>8 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms<br>10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms |

|                                                                     |                                                       |
|---------------------------------------------------------------------|-------------------------------------------------------|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>500 V</b>        | 136 A                                                 |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>660 V, 690 V</b> | 110 A                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 1000 V,<br/>50 HZ</b>       | 108 kW                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 240 V, 50<br/>HZ</b>        | 62 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 380/400<br/>V, 50 HZ</b>    | 90 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 415 V, 50<br/>HZ</b>        | 110 kW                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 440 V, 50<br/>HZ</b>        | 115 kW                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 500 V, 50<br/>HZ</b>        | 132 kW                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 690 V, 50<br/>HZ</b>        | 140 kW                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 1000 V,<br/>50 HZ</b>       | 77 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 220/230<br/>V, 50 HZ</b>    | 41 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 240 V, 50<br/>HZ</b>        | 45 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 415 V, 50<br/>HZ</b>        | 80 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 440 V, 50<br/>HZ</b>        | 85 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 500 V, 50<br/>HZ</b>        | 96 kW                                                 |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 660/690<br/>V, 50 HZ</b>    | 102 kW                                                |
| <b>RATED OPERATIONAL<br/>VOLTAGE (UE) AT AC -<br/>MAX</b>           | 1000 V                                                |
| <b>SAFE ISOLATION</b>                                               | 1000 V AC, Between coil<br>and contacts, According to |

|                             |                                                                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>UTILIZATION CATEGORY</b> | AC-4: Normal AC induction<br>motors: starting, plugging,<br>reversing, inching<br>AC-3: Normal AC induction<br>motors: starting, switch off<br>during running<br>AC-1: Non-inductive or<br>slightly inductive loads,<br>resistance furnaces |
| <b>VOLTAGE TYPE</b>         | AC                                                                                                                                                                                                                                          |

|                                                                  | EN 61140                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIAL PURPOSE<br/>RATING OF DEFINITE<br/>PURPOSE RATING</b> | 2016 A, LRA 480 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA)<br>336 A, FLA 480 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA)<br>1680 A, LRA 600 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA)<br>280 A, FLA 600 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA) |

## Magnet system

|                                                                         |                                                                                                                     |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>DROP-OUT VOLTAGE</b>                                                 | AC operated: 0.25 x US max - 0.6 x US min, AC operated<br>AC operated: 0.2 x US max - 0.4 x US min, AC operated     |
| <b>DUTY FACTOR</b>                                                      | 100 %                                                                                                               |
| <b>PICK-UP VOLTAGE</b>                                                  | 0.8 - 1.15 V AC x Us                                                                                                |
| <b>POWER CONSUMPTION, PICK-UP, 50 HZ</b>                                | 180 W, Pull-in power, Coil in a cold state and 1.0 x Us<br>210 VA, Pull-in power, Coil in a cold state and 1.0 x Us |
| <b>POWER CONSUMPTION, PICK-UP, 60 HZ</b>                                | 180 W, Pull-in power, Coil in a cold state and 1.0 x Us<br>210 VA, Pull-in power, Coil in a cold state and 1.0 x Us |
| <b>POWER CONSUMPTION, SEALING, 50 HZ</b>                                | 2.1 W, Coil in a cold state and 1.0 x Us<br>2.6 VA, Coil in a cold state and 1.0 x Us                               |
| <b>POWER CONSUMPTION, SEALING, 60 HZ</b>                                | 2.1 W, Coil in a cold state and 1.0 x Us<br>2.6 VA, Coil in a cold state and 1.0 x Us                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>             | 120 V                                                                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>             | 100 V                                                                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b>             | 120 V                                                                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>             | 100 V                                                                                                               |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX</b> | 60 ms                                                                                                               |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX</b> | 40 ms                                                                                                               |

## Motor rating

**ASSIGNED MOTOR  
POWER AT 200/208 V, 60  
HZ, 3-PHASE** 50 HP

**ASSIGNED MOTOR  
POWER AT 230/240 V, 60  
HZ, 3-PHASE** 60 HP

**ASSIGNED MOTOR  
POWER AT 460/480 V, 60  
HZ, 3-PHASE** 125 HP

**ASSIGNED MOTOR  
POWER AT 575/600 V, 60  
HZ, 3-PHASE** 150 HP

## Short-circuit rating

**SHORT-CIRCUIT CURRENT RATING (BASIC RATING)** 800 A, max. CB, SCCR (UL/CSA)  
700 A, max. Fuse, SCCR (UL/CSA)  
10 kA, SCCR (UL/CSA)

**SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)** 100 kA, Fuse, SCCR (UL/CSA)  
600 A, Class J, max. Fuse, SCCR (UL/CSA)  
350 A, max. CB, SCCR (UL/CSA)  
65 kA, CB, SCCR (UL/CSA)

**SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)** 350 A, max. CB, SCCR (UL/CSA)  
100 kA, Fuse, SCCR (UL/CSA)  
600 A, Class J, max. Fuse, SCCR (UL/CSA)  
50 kA, CB, SCCR (UL/CSA)

**SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 1000 V** 200 A gG/gL

**SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V** 400 A gG/gL

**SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V** 315 A gG/gL

**SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 1000 V** 160 A gG/gL

**SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V** 315 A gG/gL

**SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V** 250 A gG/gL

## Switching capacity

**SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)** 15 A, 600 V AC, (UL/CSA)  
1 A, 250 V DC, (UL/CSA)

**SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY)** P300, DC operated (UL/CSA)  
A600, AC operated (UL/CSA)

**SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE)** 250 A, Maximum motor rating (UL/CSA)

## Terminal capacities

|                                                    |                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>SCREW SIZE</b>                                  | M10, Terminal screw, Main connections<br>M3.5, Terminal screw, Control circuit cables                                  |
| <b>SCREWDRIVER SIZE</b>                            | 2, Terminal screw, Control circuit cables, Pozidriv screwdriver                                                        |
| <b>TERMINAL CAPACITY (BUSBAR)</b>                  | 32 mm width, Main connection                                                                                           |
| <b>TERMINAL CAPACITY (COPPER BAND)</b>             | Fixing with flat cable terminal or cable terminal blocks; See terminal capacity for cable terminal blocks              |
| <b>TERMINAL CAPACITY (FLEXIBLE WITH CABLE LUG)</b> | 50 - 185 mm <sup>2</sup>                                                                                               |
| <b>TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)</b>   | 1 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables<br>2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables |
| <b>TERMINAL CAPACITY (SOLID)</b>                   | 2 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables<br>1 x (0.75 - 2.5) mm <sup>2</sup> , Control circuit cables |
| <b>TERMINAL CAPACITY (SOLID/STRANDED AWG)</b>      | 1/0 - 350 MCM, Main cables<br>18 - 14, Control circuit cables                                                          |
| <b>TERMINAL CAPACITY (STRANDED WITH CABLE LUG)</b> | 50 - 185 mm <sup>2</sup>                                                                                               |
| <b>TIGHTENING TORQUE</b>                           | 24 Nm, Main cable connection screw/bolt<br>1.2 Nm, Screw terminals, Control circuit cables                             |
| <b>WIDTH ACROSS FLATS</b>                          | 16 mm                                                                                                                  |

## Resources

|                            |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES                  | <a href="#">eaton-product-brochure-dilmdilh-power-contactors-brochure-br034010en-en-us.pdf</a>                                                                                                                                                                                                                                    |
| CATALOGUES                 | <a href="#">Product Range Catalog Switching and protecting motors</a>                                                                                                                                                                                                                                                             |
| CHARACTERISTIC CURVE       | <a href="#">eaton-contactors-component-dilm-characteristic-curve-002.eps</a><br><a href="#">eaton-contactors-component-dilm-characteristic-curve.eps</a><br><a href="#">eaton-contactors-component-dilm-characteristic-curve-003.eps</a><br><a href="#">eaton-contactors-short-time-loading-dilm-characteristic-curve-002.eps</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-contactor-declaration-of-conformity-uk251101en.pdf</a><br><a href="#">eaton-contactor-declaration-of-conformity-eu250618en.pdf</a>                                                                                                                                                                              |
| DRAWINGS                   | <a href="#">eaton-contactors-mounting-dilm-dimensions-002.eps</a><br><a href="#">eaton-contactors-mounting-dilm-dimensions.eps</a><br><a href="#">eaton-contactors-dilm-dimensions-006.eps</a><br><a href="#">eaton-contactors-dilm-3d-drawing.eps</a><br><a href="#">eaton-contactors-dilm-3d-drawing-002.eps</a>                |
| ECAD MODEL                 | <a href="#">DA-CE-ETN.DILM185A_22(RAC120)</a>                                                                                                                                                                                                                                                                                     |
| INSTALLATION INSTRUCTIONS  | <a href="#">eaton-contactors-dilm185a-dilm225a-il03406001z.pdf</a>                                                                                                                                                                                                                                                                |
| MCAD MODEL                 | <a href="#">eaton-iec-contactors-mcad-3d-models-dil-m185-225.stp</a>                                                                                                                                                                                                                                                              |

|                 |                                                                      |
|-----------------|----------------------------------------------------------------------|
|                 | <a href="#">eaton-iec-contactors-mcad-drawings-dil-m185-225.dwg</a>  |
| SYSTEM OVERVIEW | <a href="#">eaton-contactors-system55-dilm-explosion-drawing.eps</a> |
| WIRING DIAGRAMS | <a href="#">eaton-contactors-contact-dilm-wiring-diagram-004.eps</a> |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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