

# Specificații



Imaginile sunt doar cu titlu informativ



## Eaton 276835

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 N/O, 42 V 50/60 Hz, AC operation, Screw terminals

### General specifications

|                             |                                      |
|-----------------------------|--------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series DILM contactor |
| <b>CATALOG NUMBER</b>       | 276835                               |
| <b>EAN</b>                  | 4015082768355                        |
| <b>PRODUCT LENGTH/DEPTH</b> | 75 mm                                |
| <b>PRODUCT HEIGHT</b>       | 68 mm                                |
| <b>PRODUCT WIDTH</b>        | 45 mm                                |
| <b>PRODUCT WEIGHT</b>       | 0.24 kg                              |
| <b>COMPLIANCES</b>          | CE Marked                            |

### CERTIFICATIONS

UL 508  
EN 60947-4-1  
IEC 60947-4-1  
CSA Std. C22.2 No. 14-05  
VDE  
UL Category Control No.: NLDX  
UL  
CSA  
CSA File No.: 012528  
CSA Class No.: 2411-03, 3211-04  
CE  
UL File No.: E29096  
VDE 0660  
UL 60947-4-1  
IEC/EN 60947  
IEC/EN 60947-4-1  
CSA-C22.2 No. 60947-4-1-14

|                      |                                |
|----------------------|--------------------------------|
| <b>CATALOG NOTES</b> | Contacts according to EN 50012 |
| <b>MODEL CODE</b>    | DILM12-10(42V50/60HZ)          |

## Features Functions

|                 |            |
|-----------------|------------|
| NUMBER OF POLES | Three-pole |
|-----------------|------------|

## General

|                                        |                                                                                                                                                                                                                           |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPLICATION                            | Contactors for Motors                                                                                                                                                                                                     |
| CONNECTION                             | Screw terminals                                                                                                                                                                                                           |
| FRAME SIZE                             | FS1                                                                                                                                                                                                                       |
| LIFESPAN, MECHANICAL                   | 10,000,000 Operations (AC operated)<br>7,000,000 Operations (Coil 50/60 Hz)                                                                                                                                               |
| OPERATING FREQUENCY                    | 9000 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                    | 2.5 mΩ                                                                                                                                                                                                                    |
| SUITABLE FOR                           | Also motors with efficiency class IE3                                                                                                                                                                                     |
| UTILIZATION CATEGORY                   | AC-4: Normal AC induction motors: starting, plugging, reversing, inching<br>AC-1: Non-inductive or slightly inductive loads, resistance furnaces<br>AC-3: Normal AC induction motors: starting, switch off during running |
| VOLTAGE TYPE                           | AC                                                                                                                                                                                                                        |

## Ambient conditions, mechanical

### SHOCK RESISTANCE

5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms  
 3.4 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms  
 3.4 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  
 5.7 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms  
 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms

## Climatic environmental conditions

|                                                       |                                                                                |
|-------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>ALTITUDE</b>                                       | Max. 2000 m                                                                    |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>            | -25 °C                                                                         |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>            | 60 °C                                                                          |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN</b> | -25 °C                                                                         |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b> | 40 °C                                                                          |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>              | -40 °C                                                                         |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>              | 80 °C                                                                          |
| <b>CLIMATIC PROOFING</b>                              | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |

## Electro magnetic compatibility

**EMITTED INTERFERENCE** According to EN 60947-1

**INTERFERENCE IMMUNITY** According to EN 60947-1

## Terminal capacities

|                                                  |                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)</b> | 1 x (0.75 - 2.5) mm <sup>2</sup><br>2 x (0.75 - 2.5) mm <sup>2</sup><br>2 x (0.75 - 2.5) mm <sup>2</sup> |
| <b>TERMINAL CAPACITY (SOLID)</b>                 | 1 x (0.75 - 4) mm <sup>2</sup><br>2 x (0.75 - 2.5) mm <sup>2</sup>                                       |
| <b>TERMINAL CAPACITY (SOLID/STRANDED AWG)</b>    | Single 18 - 10, double 18 - 14                                                                           |
| <b>STRIPPING LENGTH (MAIN CABLE)</b>             | 10 mm                                                                                                    |
| <b>STRIPPING LENGTH (CONTROL CIRCUIT CABLE)</b>  | 10 mm                                                                                                    |
| <b>SCREW SIZE</b>                                | M3.5, Terminal screw                                                                                     |
| <b>SCREWDRIVER SIZE</b>                          | 2, Terminal screw, Pozidriv screwdriver<br>0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver      |
| <b>TIGHTENING TORQUE</b>                         | 1.2 Nm, Screw terminals                                                                                  |



## Electrical rating

**RATED BREAKING  
CAPACITY AT 220/230 V** 120 A

**RATED BREAKING  
CAPACITY AT 380/400 V** 120 A

**RATED BREAKING  
CAPACITY AT 500 V** 100 A

**RATED BREAKING  
CAPACITY AT 660/690 V** 70 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-1,  
380 V, 400 V, 415 V** 22 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-3,  
220 V, 230 V, 240 V** 12 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-3,  
380 V, 400 V, 415 V** 12 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-3,  
440 V** 12 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-3,  
500 V** 10 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-3,  
660 V, 690 V** 7 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-4,  
220 V, 230 V, 240 V** 7 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-4,  
440 V** 7 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-4,  
500 V** 6 A

**RATED OPERATIONAL  
CURRENT (IE) AT AC-4,  
660 V, 690 V** 5 A

**RATED OPERATIONAL  
CURRENT (IE) AT DC-1, 60  
V** 20 A

**RATED OPERATIONAL  
CURRENT (IE) AT DC-1,  
110 V** 20 A

**RATED OPERATIONAL  
CURRENT (IE) AT DC-1,  
220 V** 15 A

**RATED INSULATION** 690 V

## Short-circuit rating

**SHORT-CIRCUIT CURRENT  
RATING (BASIC RATING)** 45 A, max. Fuse, SCCR  
(UL/CSA)  
5 kA, SCCR (UL/CSA)  
60 A, max. CB, SCCR  
(UL/CSA)

**SHORT-CIRCUIT CURRENT  
RATING (HIGH FAULT AT  
480 V)** 25 A, Class RK5/ 45 A Class  
J, max. Fuse, SCCR  
(UL/CSA)  
30/100 kA, Fuse, SCCR  
(UL/CSA)

**SHORT-CIRCUIT CURRENT  
RATING (HIGH FAULT AT  
600 V)** 30/100 kA, Fuse, SCCR  
(UL/CSA)  
25 A, Class RK5/45 A, Class  
J, max. Fuse, SCCR  
(UL/CSA)

**SHORT-CIRCUIT  
PROTECTION RATING  
(TYPE 1 COORDINATION)  
AT 400 V** 35 A gG/gL

**SHORT-CIRCUIT  
PROTECTION RATING  
(TYPE 1 COORDINATION)  
AT 690 V** 25 A gG/gL

**SHORT-CIRCUIT  
PROTECTION RATING  
(TYPE 2 COORDINATION)  
AT 400 V** 20 A gG/gL

**SHORT-CIRCUIT  
PROTECTION RATING  
(TYPE 2 COORDINATION)  
AT 690 V** 20 A gG/gL

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| <b>VOLTAGE (UI)</b>                                                |        |
| <b>RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947)</b> | 144 A  |
| <b>RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ</b>               | 4 kW   |
| <b>RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ</b>           | 5.5 kW |
| <b>RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ</b>               | 7 kW   |
| <b>RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ</b>               | 7.5 kW |
| <b>RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ</b>               | 7 kW   |
| <b>RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ</b>               | 6.5 kW |
| <b>RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ</b>           | 2 kW   |
| <b>RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ</b>               | 2.2 kW |
| <b>RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ</b>               | 3.4 kW |
| <b>RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ</b>               | 3.6 kW |
| <b>RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ</b>               | 3.5 kW |
| <b>RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ</b>           | 4.4 kW |
| <b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>                  | 690 V  |

## Conventional thermal current I<sub>th</sub>

|                                                                               |      |
|-------------------------------------------------------------------------------|------|
| <b>CONVENTIONAL<br/>THERMAL CURRENT I<sub>TH</sub><br/>(1-POLE, ENCLOSED)</b> | 45 A |
|-------------------------------------------------------------------------------|------|

|                                                                               |      |
|-------------------------------------------------------------------------------|------|
| <b>CONVENTIONAL<br/>THERMAL CURRENT I<sub>TH</sub><br/>(3-POLE, ENCLOSED)</b> | 18 A |
|-------------------------------------------------------------------------------|------|

|                                                                                   |      |
|-----------------------------------------------------------------------------------|------|
| <b>CONVENTIONAL<br/>THERMAL CURRENT I<sub>TH</sub><br/>AT 55°C (3-POLE, OPEN)</b> | 21 A |
|-----------------------------------------------------------------------------------|------|

|                                                                                                 |      |
|-------------------------------------------------------------------------------------------------|------|
| <b>CONVENTIONAL<br/>THERMAL CURRENT I<sub>TH</sub><br/>OF MAIN CONTACTS (1-<br/>POLE, OPEN)</b> | 50 A |
|-------------------------------------------------------------------------------------------------|------|

## Switching capacity

|                                                                |                                        |
|----------------------------------------------------------------|----------------------------------------|
| <b>SWITCHING CAPACITY<br/>(MAIN CONTACTS,<br/>GENERAL USE)</b> | 20 A, Maximum motor<br>rating (UL/CSA) |
|----------------------------------------------------------------|----------------------------------------|

|                                                                     |                                                     |
|---------------------------------------------------------------------|-----------------------------------------------------|
| <b>SWITCHING CAPACITY<br/>(AUXILIARY CONTACTS,<br/>GENERAL USE)</b> | 10 A, 600 V AC, (UL/CSA)<br>1 A, 250 V DC, (UL/CSA) |
|---------------------------------------------------------------------|-----------------------------------------------------|

|                                                                    |                                                                |
|--------------------------------------------------------------------|----------------------------------------------------------------|
| <b>SWITCHING CAPACITY<br/>(AUXILIARY CONTACTS,<br/>PILOT DUTY)</b> | P300, DC operated<br>(UL/CSA)<br>A600, AC operated<br>(UL/CSA) |
|--------------------------------------------------------------------|----------------------------------------------------------------|

## Magnet system

|                                                             |                                                                    |
|-------------------------------------------------------------|--------------------------------------------------------------------|
| <b>ARCING TIME</b>                                          | 10 ms                                                              |
| <b>DROP-OUT VOLTAGE</b>                                     | AC operated: 0.6 - 0.3 x UC, AC operated                           |
| <b>DUTY FACTOR</b>                                          | 100 %                                                              |
| <b>PICK-UP VOLTAGE</b>                                      | 0.8 - 1.1 V AC x UC                                                |
| <b>POWER CONSUMPTION, PICK-UP, 50 HZ</b>                    | 27 VA, Dual-frequency coil in a cold state and 1.0 x Us            |
|                                                             | 25 VA, Dual-frequency coil in a cold state and 1.0 x Us            |
| <b>POWER CONSUMPTION, PICK-UP, 60 HZ</b>                    | 25 VA, Dual-frequency coil in a cold state and 1.0 x Us            |
|                                                             | 27 VA, Dual-frequency coil in a cold state and 1.0 x Us            |
| <b>POWER CONSUMPTION, SEALING, 50 HZ</b>                    | 1.4 W, Dual-frequency coil in a cold state and 1.0 x Us            |
|                                                             | 1.2 W, Dual-frequency coil in a cold state and 1.0 x Us            |
| <b>POWER CONSUMPTION, SEALING, 60 HZ</b>                    | 1.4 W, Dual-frequency coil in a cold state and 1.0 x Us            |
|                                                             | 3.3 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz |
|                                                             | 1.2 W, Dual-frequency coil in a cold state and 1.0 x Us            |
|                                                             | 4.2 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b> | 42 V                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b> | 42 V                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b> | 42 V                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX</b> | 42 V                                                               |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN</b>        | 0 V                                                                |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT DC -</b>            | 0 V                                                                |

## Motor rating

**ASSIGNED MOTOR**  
**POWER AT 115/120 V, 60 HZ, 1-PHASE** 1 HP

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

**ASSIGNED MOTOR**  
**POWER AT 230/240 V, 60 HZ, 1-PHASE** 2 HP

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

**ASSIGNED MOTOR**  
**POWER AT 460/480 V, 60 HZ, 3-PHASE** 10 HP

**ASSIGNED MOTOR**  
**POWER AT 575/600 V, 60 HZ, 3-PHASE** 10 HP

| MAX                                                              |       |
|------------------------------------------------------------------|-------|
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN | 15 ms |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX | 21 ms |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN | 9 ms  |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX | 18 ms |

| Communication              |    |
|----------------------------|----|
| CONNECTION TO SMARTWIRE-DT | No |

| Safety         |                                                                                                                     |
|----------------|---------------------------------------------------------------------------------------------------------------------|
| SAFE ISOLATION | 400 V AC, Between the contacts, According to EN 61140<br>400 V AC, Between coil and contacts, According to EN 61140 |

| Contacts                                                |   |
|---------------------------------------------------------|---|
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)             | 1 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)   | 1 |

| Special purpose ratings                                      |                                                                                                                                                                          |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS | 20 A (600V 60Hz 3phase, 347V 60Hz 1phase)<br>20 A (480V 60Hz 3phase, 277V 60Hz 1phase)                                                                                   |
| SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING            | 72 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)<br>12 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)                             |
| SPECIAL PURPOSE RATING OF ELEVATOR CONTROL                   | 11 A, 480 V 60 Hz 3-ph, (UL/CSA)<br>9 A, 600 V 60 Hz 3-ph, (UL/CSA)<br>7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA)<br>2 HP, 200 V 60 Hz 3-ph, (UL/CSA)<br>2 HP, 240 V 60 Hz 3-ph, |

|                                                                               |                                                                                                                                                                      |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                               | (UL/CSA)<br>7.5 HP, 600 V 60 Hz 3-ph,<br>(UL/CSA)<br>6.8 A, 240 V 60 Hz 3-ph,<br>(UL/CSA)<br>7.8 A, 200 V 60 Hz 3-ph,<br>(UL/CSA)                                    |
| <b>SPECIAL PURPOSE<br/>RATING OF<br/>REFRIGERATION<br/>CONTROL (CSA ONLY)</b> | 60 A, LRA 480 V 60 Hz<br>3phase; (CSA)<br>10 A, FLA 480 V 60 Hz<br>3phase; (CSA)<br>60 A, LRA 600 V 60 Hz<br>3phase; (CSA)<br>10 A, FLA 600 V 60 Hz<br>3phase; (CSA) |
| <b>SPECIAL PURPOSE<br/>RATING OF RESISTANCE<br/>AIR HEATING</b>               | 20 A, 600 V 60 Hz 3phase,<br>347 V 60 Hz 1phase,<br>(UL/CSA)<br>20 A, 480 V 60 Hz 3phase,<br>277 V 60 Hz 1phase,<br>(UL/CSA)                                         |
| <b>SPECIAL PURPOSE<br/>RATING OF TUNGSTEN<br/>INCANDESCENT LAMPS</b>          | 14 A, 480 V 60 Hz 3phase,<br>277 V 60 Hz 1phase,<br>(UL/CSA)<br>14 A, 600 V 60 Hz 3phase,<br>347 V 60 Hz 1phase,<br>(UL/CSA)                                         |

## Design verification

|                                                                                         |                                                                    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>                               | 0 W                                                                |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                                                  | 0 W                                                                |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>                                | 0.3 W                                                              |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>                    | 12 A                                                               |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>                               | 1.4 W                                                              |
| <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. |

## Resurse

|                                  |                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CHARACTERISTIC CURVE</b>      | <a href="#">eaton-contactors-switch-dilm-characteristic-curve.eps</a>                                                                                                                                                                                                                                                                 |
| <b>DESENE</b>                    | <a href="#">eaton-contactors-switch-dilm-characteristic-curve-002.eps</a><br><a href="#">eaton-contactors-module-dilm-dimensions.eps</a><br><a href="#">eaton-contactors-frame-dilm-dimensions.eps</a><br><a href="#">eaton-contactors-module-dilm-dimensions-002.eps</a><br><a href="#">eaton-contactors-dilm-3d-drawing-007.eps</a> |
| <b>INSTRUCȚIUNI DE INSTALARE</b> | <a href="#">eaton-contactors-dila-dilm7-15-dilmp20-il03407013z.pdf</a>                                                                                                                                                                                                                                                                |
| <b>SCHEME ELECTRICE</b>          | <a href="#">eaton-contactors-contact-dilm-wiring-diagram.eps</a>                                                                                                                                                                                                                                                                      |

|                                                                 |                                                                                                                                  |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <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>10.10 TEMPERATURE RISE</b>                                   | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| <b>10.11 SHORT-CIRCUIT RATING</b>                               | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                      | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| <b>10.13 MECHANICAL FUNCTION</b>                                | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATA:**

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