

# Specifications



## Eaton 199245

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 5.5 kW, 1 NC, 110 V 50 Hz, 120 V 60 Hz, AC operation, Push in terminals

### General specifications

|                             |                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series DILM contactor                                                                                                                                                    |
| <b>CATALOG NUMBER</b>       | 199245                                                                                                                                                                                  |
| <b>MODEL CODE</b>           | DILM12-01(110V50HZ,120V60HZ)-PI                                                                                                                                                         |
| <b>EAN</b>                  | 4015081973293                                                                                                                                                                           |
| <b>PRODUCT LENGTH/DEPTH</b> | 75 mm                                                                                                                                                                                   |
| <b>PRODUCT HEIGHT</b>       | 68 mm                                                                                                                                                                                   |
| <b>PRODUCT WIDTH</b>        | 45 mm                                                                                                                                                                                   |
| <b>PRODUCT WEIGHT</b>       | 0.225 kg                                                                                                                                                                                |
| <b>CERTIFICATIONS</b>       | VDE 0660<br>IEC/EN 60947<br>UL Listed<br>CSA certified<br>UL Category Control No.: NLDX<br>CE marking<br>UL File No.: E29096<br>CSA Class No.: 2411-03, 3211-04<br>CSA File No.: 012528 |
| <b>CATALOG NOTES</b>        | Also tested according to AC-3e.                                                                                                                                                         |



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## Ambient conditions, mechanical

### SHOCK RESISTANCE

7 g, N/O 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  
5 g, N/C auxiliary 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  
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

## Climatic environmental conditions

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

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

**AMBIENT OPERATING TEMPERATURE - MIN** -25 °C

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

**AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN** -25 °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

## Communication

**CONNECTION TO SMARTWIRE-DT** No

## Contacts

**NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)** 3

**NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)** 1

**NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)** 0

**NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)** 1

**NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)** 0

**NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT** 0

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

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

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

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

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

## 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.

### 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

Does not apply, since the

|                                                                 |                                                                    |
|-----------------------------------------------------------------|--------------------------------------------------------------------|
| <b>AGAINST ELECTRIC SHOCK</b>                                   | 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>HEAT DISSIPATION CAPACITY PDISS</b>                          | 0 W                                                                |

## Electrical rating

|                                                 |       |
|-------------------------------------------------|-------|
| <b>RATED BREAKING<br/>CAPACITY AT 220/230 V</b> | 120 A |
|-------------------------------------------------|-------|

|                                                 |       |
|-------------------------------------------------|-------|
| <b>RATED BREAKING<br/>CAPACITY AT 380/400 V</b> | 120 A |
|-------------------------------------------------|-------|

|                                             |       |
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| <b>RATED BREAKING<br/>CAPACITY AT 500 V</b> | 100 A |
|---------------------------------------------|-------|

|                                                 |      |
|-------------------------------------------------|------|
| <b>RATED BREAKING<br/>CAPACITY AT 660/690 V</b> | 70 A |
|-------------------------------------------------|------|

|                                          |       |
|------------------------------------------|-------|
| <b>RATED INSULATION<br/>VOLTAGE (UI)</b> | 690 V |
|------------------------------------------|-------|

|                                                                                |       |
|--------------------------------------------------------------------------------|-------|
| <b>RATED MAKING<br/>CAPACITY UP TO 690 V<br/>(COS PHI TO IEC/EN<br/>60947)</b> | 144 A |
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|----------------------------------------------------------------------------|------|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-1,<br/>380 V, 400 V, 415 V</b> | 22 A |
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| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>220 V, 230 V, 240 V</b> | 12 A |
|----------------------------------------------------------------------------|------|

|                                                                            |      |
|----------------------------------------------------------------------------|------|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>380 V, 400 V, 415 V</b> | 12 A |
|----------------------------------------------------------------------------|------|

|                                                              |      |
|--------------------------------------------------------------|------|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>440 V</b> | 12 A |
|--------------------------------------------------------------|------|

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| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>500 V</b> | 10 A |
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|---------------------------------------------------------------------|-----|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>660 V, 690 V</b> | 7 A |
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|----------------------------------------------------------------------------|-----|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>220 V, 230 V, 240 V</b> | 7 A |
|----------------------------------------------------------------------------|-----|

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|--------------------------------------------------------------|-----|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>440 V</b> | 7 A |
|--------------------------------------------------------------|-----|

|                                                              |     |
|--------------------------------------------------------------|-----|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>500 V</b> | 6 A |
|--------------------------------------------------------------|-----|

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|---------------------------------------------------------------------|-----|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>660 V, 690 V</b> | 5 A |
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| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1,<br/>110 V</b> | 20 A |
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| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1,<br/>220 V</b> | 15 A |
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## Electro magnetic compatibility

|                             |                         |
|-----------------------------|-------------------------|
| <b>EMITTED INTERFERENCE</b> | According to EN 60947-1 |
|-----------------------------|-------------------------|

|                                  |                         |
|----------------------------------|-------------------------|
| <b>INTERFERENCE<br/>IMMUNITY</b> | According to EN 60947-1 |
|----------------------------------|-------------------------|

|                                                                  |        |
|------------------------------------------------------------------|--------|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1, 60<br/>V</b>      | 20 A   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 240 V, 50<br/>HZ</b>     | 4 kW   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 380/400<br/>V, 50 HZ</b> | 5.5 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 415 V, 50<br/>HZ</b>     | 7 kW   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 220/230<br/>V, 50 HZ</b> | 2 kW   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 240 V, 50<br/>HZ</b>     | 2.2 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 415 V, 50<br/>HZ</b>     | 3.4 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 440 V, 50<br/>HZ</b>     | 3.6 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 500 V, 50<br/>HZ</b>     | 3.5 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 660/690<br/>V, 50 HZ</b> | 4.4 kW |
| <b>RATED OPERATIONAL<br/>VOLTAGE (UE) AT AC -<br/>MAX</b>        | 690 V  |

## Features & functions

|                        |                |
|------------------------|----------------|
| <b>FITTED WITH:</b>    | Mirror contact |
| <b>NUMBER OF POLES</b> | Three-pole     |

## General information

|                             |                                                                       |
|-----------------------------|-----------------------------------------------------------------------|
| <b>APPLICATION</b>          | Contactors for Motors                                                 |
| <b>CONNECTION</b>           | Push in terminals                                                     |
| <b>DEGREE OF PROTECTION</b> | IP20                                                                  |
| <b>LIFESPAN, MECHANICAL</b> | 10,000,000 Operations (AC operated)                                   |
| <b>OPERATING FREQUENCY</b>  | 9000 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, Protection against direct contact when |

|                                                       |                                                                                                                                                                                                                           |
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|                                                       | actuated from front (EN 50274)                                                                                                                                                                                            |
| <b>RATED IMPULSE<br/>WITHSTAND VOLTAGE<br/>(UIMP)</b> | 6000 V AC                                                                                                                                                                                                                 |
| <b>RESISTANCE PER POLE</b>                            | 2.5 mΩ                                                                                                                                                                                                                    |
| <b>SUITABLE FOR</b>                                   | Also motors with efficiency class IE3                                                                                                                                                                                     |
| <b>UTILIZATION CATEGORY</b>                           | AC-3: Normal AC induction motors: starting, switch off during running<br>AC-4: Normal AC induction motors: starting, plugging, reversing, inching<br>AC-1: Non-inductive or slightly inductive loads, resistance furnaces |
| <b>VOLTAGE TYPE</b>                                   | AC                                                                                                                                                                                                                        |
| <b>FRAME SIZE</b>                                     | FS1                                                                                                                                                                                                                       |

## Magnet system

|                                                                         |                                                                                                                                                                   |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARCING TIME</b>                                                      | 10 ms                                                                                                                                                             |
| <b>DUTY FACTOR</b>                                                      | 100 %                                                                                                                                                             |
| <b>PICK-UP VOLTAGE</b>                                                  | 0.8 - 1.1 V AC x U <sub>c</sub>                                                                                                                                   |
| <b>POWER CONSUMPTION, PICK-UP, 50 HZ</b>                                | 24 VA, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 50 Hz                                                                                    |
| <b>POWER CONSUMPTION, PICK-UP, 60 HZ</b>                                | 30 VA, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 60 Hz                                                                                    |
| <b>POWER CONSUMPTION, SEALING, 50 HZ</b>                                | 3.4 VA, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 50 Hz<br>1.4 W, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 50 Hz |
| <b>POWER CONSUMPTION, SEALING, 60 HZ</b>                                | 4.4 VA, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 60 Hz<br>1.4 W, Dual-frequency coil in a cold state and 1.0 x U <sub>s</sub> , at 60 Hz |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX</b>             | 110 V                                                                                                                                                             |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>             | 110 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>             | 120 V                                                                                                                                                             |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX</b> | 21 ms                                                                                                                                                             |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN</b> | 15 ms                                                                                                                                                             |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX</b> | 18 ms                                                                                                                                                             |
| <b>SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN</b> | 9 ms                                                                                                                                                              |

## 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

## Safety

### SAFE ISOLATION

400 V AC, Between coil and contacts, According to EN 61140  
400 V AC, Between the contacts, According to EN 61140

## Short-circuit rating

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

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

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

## Special purpose ratings

|                                                                  |                                                                                                                                                           |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SPECIAL PURPOSE<br/>RATING OF DEFINITE<br/>PURPOSE RATING</b> | 12 A, FLA 480 V 60 Hz 3-ph,<br>100,000 cycles acc. to UL<br>1995, (UL/CSA)<br>72 A, LRA 480 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA) |
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|                                                           |                                                                                                                                                                                                                                                                                                                           |
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| <b>SPECIAL PURPOSE<br/>RATING OF ELEVATOR<br/>CONTROL</b> | 2 HP, 200 V 60 Hz 3-ph,<br>(UL/CSA)<br>2 HP, 240 V 60 Hz 3-ph,<br>(UL/CSA)<br>7.8 A, 200 V 60 Hz 3-ph,<br>(UL/CSA)<br>6.8 A, 240 V 60 Hz 3-ph,<br>(UL/CSA)<br>11 A, 480 V 60 Hz 3-ph,<br>(UL/CSA)<br>7.5 HP, 600 V 60 Hz 3-ph,<br>(UL/CSA)<br>9 A, 600 V 60 Hz 3-ph,<br>(UL/CSA)<br>7.5 HP, 480 V 60 Hz 3-ph,<br>(UL/CSA) |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                               |                                                                                                                                                                      |
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| <b>SPECIAL PURPOSE<br/>RATING OF<br/>REFRIGERATION<br/>CONTROL (CSA ONLY)</b> | 10 A, FLA 480 V 60 Hz<br>3phase; (CSA)<br>10 A, FLA 600 V 60 Hz<br>3phase; (CSA)<br>60 A, LRA 480 V 60 Hz<br>3phase; (CSA)<br>60 A, LRA 600 V 60 Hz<br>3phase; (CSA) |
|-------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                 |                                                                                                                              |
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| <b>SPECIAL PURPOSE<br/>RATING OF RESISTANCE<br/>AIR HEATING</b> | 20 A, 480 V 60 Hz 3phase,<br>277 V 60 Hz 1phase,<br>(UL/CSA)<br>20 A, 600 V 60 Hz 3phase,<br>347 V 60 Hz 1phase,<br>(UL/CSA) |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

|                                                                      |                                                                                                                              |
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| <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) |
|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|

|                                                                                 |                                                                                              |
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| <b>SPECIAL PURPOSE<br/>RATING OF BALLAST<br/>ELECTRICAL DISCHARGE<br/>LAMPS</b> | 20 A (480V 60Hz 3phase,<br>277V 60Hz 1phase)<br>20 A (600V 60Hz 3phase,<br>347V 60Hz 1phase) |
|---------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|

## Switching capacity

|                                                                     |                                                     |
|---------------------------------------------------------------------|-----------------------------------------------------|
| <b>SWITCHING CAPACITY<br/>(AUXILIARY CONTACTS,<br/>GENERAL USE)</b> | 1 A, 250 V DC, (UL/CSA)<br>10 A, 600 V AC, (UL/CSA) |
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|                                                                    |                                                                |
|--------------------------------------------------------------------|----------------------------------------------------------------|
| <b>SWITCHING CAPACITY<br/>(AUXILIARY CONTACTS,<br/>PILOT DUTY)</b> | A600, AC operated<br>(UL/CSA)<br>P300, DC operated<br>(UL/CSA) |
|--------------------------------------------------------------------|----------------------------------------------------------------|

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

## Terminal capacities

|                                                               |                                 |
|---------------------------------------------------------------|---------------------------------|
| SCREWDRIVER SIZE                                              | 3 x 0.5 mm, Terminal screw      |
|                                                               | 3.0 x 0.5 mm, Terminal screw    |
| STRIPPING LENGTH (MAIN CABLE)                                 | 10 mm                           |
| TERMINAL CAPACITY (FLEXIBLE WITH UNISOLATED FERRULE)          | 1 x (0.5 - 2.5) mm <sup>2</sup> |
|                                                               | 2 x (0.5 - 2.5) mm <sup>2</sup> |
| TERMINAL CAPACITY (FLEXIBLE)                                  | 1 x (0.5 - 2.5) mm <sup>2</sup> |
|                                                               | 2 x (0.5 - 2.5) mm <sup>2</sup> |
| TERMINAL CAPACITY (FLEXIBLE WITH ULTRASONIC WELDED CABLE END) | 1 x (0.5 - 2.5) mm <sup>2</sup> |
|                                                               | 2 x (0.5 - 2.5) mm <sup>2</sup> |
| TERMINAL CAPACITY (SOLID)                                     | 1 x (0.5 - 2.5) mm <sup>2</sup> |
|                                                               | 2 x (0.5 - 2.5) mm <sup>2</sup> |
| TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)                     | 1 x (0.5 - 2.5) mm <sup>2</sup> |
|                                                               | 2 x (0.5 - 1.5) mm <sup>2</sup> |
| TERMINAL CAPACITY (SOLID/STRANDED AWG)                        | 20 - 14                         |

## Resources

|                            |                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------|
| CATALOGUES                 | <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-contactor-declaration-of-conformity-uk251209en.pdf</a>               |
|                            | <a href="#">eaton-contactor-declaration-of-conformity-eu250726en.pdf</a>               |
| DRAWINGS                   | <a href="#">eaton-contactors-dimensions-007.eps</a>                                    |
| ECAD MODEL                 | <a href="#">ETN.199245.edz</a>                                                         |
| INSTALLATION VIDEOS        | <a href="#">WIN-WIN with push-in technology</a>                                        |
| MCAD MODEL                 | <a href="#">eaton-iec-contactors-mcad-3d-models-dil-m7-15-pi.stp</a>                   |
|                            | <a href="#">eaton-iec-contactors-mcad-drawings-dil-m7-15-pi.dwg</a>                    |
| WIRING DIAGRAMS            | <a href="#">eaton-contactors-wiring-diagram-2100swi-117.eps</a>                        |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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