Specifications



Photo is representative





Eaton 239481

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 45 kW, 380 V 50 Hz, 440 V 60 Hz, AC operation, Screw terminals

| General specifications | | |
|-------------------------|--|--|
| PRODUCT NAME | Eaton Moeller® series DILM contactor | |
| CATALOG NUMBER | 239481 | |
| MODEL CODE | DILM95(380V50HZ,440V60HZ) | |
| EAN | 4015082394813 | |
| PRODUCT LENGTH/DEPTH | 160 mm | |
| PRODUCT HEIGHT | 170 mm | |
| PRODUCT WIDTH | 90 mm | |
| PRODUCT WEIGHT | 2.18 kg | |
| CERTIFICATIONS | CSA File No.: 012528 VDE 0660 UL 60947-4-1 CSA UL Category Control No.: NLDX CSA Class No.: 2411-03, 3211- 04 CSA-C22.2 No. 60947-4-1-14 UL File No.: E29096 CE IEC/EN 60947 IEC/EN 60947-4-1 UL | |
| CATALOG NOTES | Contacts according to EN 50012 | |
| GLOBAL CATALOG | 239481 | |



| Three-pole The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. Is the panel builder's responsibility. The specifications for the switchgear must be observed. The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 CORROSION RESISTANCE 10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES 10.2.3.2 VERIFICATION OF INSUL. ATTON OF INSUL. ATTON ORMAL HEAT 10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS 10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION 10.2.5 LIFTING Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. 10.2.7 INSCRIPTIONS Meets the product standard's requirements. Does not apply, since the entire switchgear needs to be evaluated. Meets the product standard's requirements. | Product specifications | 5 |
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| standard's requirements. 10.3 DEGREE OF Does not apply, since the | | entire switchgear needs to |
| | 10.2.7 INSCRIPTIONS | • |
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| Resources | |
|----------------------------|--|
| | eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf |
| CATALOGS | Product Range Catalog Switching and protecting motors |
| | SmartWire-DT Catalog |
| | eaton-contactors- component-dilm- characteristic-curve- 003.eps |
| CHARACTERISTIC CURVE | eaton-contactors-short- time-loading-dilm- characteristic-curve- 002.eps |
| | eaton-contactors-switch- dilm-characteristic- curve.eps |
| | eaton-contactors-switch-dilm-characteristic-curve-002.eps |
| | |
| DECLARATIONS OF CONFORMITY | DA-DC-00004818.pdf |
| | DA-DC-00004781.pdf |
| | |
| | DA-DC-00004781.pdf eaton-contactors-dilm- |
| | DA-DC-00004781.pdf eaton-contactors-dilm-dimensions-003.eps eaton-contactors-mounting-dilm- |
| | DA-DC-00004781.pdf eaton-contactors-dilm- dimensions-003.eps eaton-contactors- mounting-dilm- dimensions-002.eps eaton-contactors- mounting-dilm- dimensions-012.eps |
| CONFORMITY | DA-DC-00004781.pdf eaton-contactors-dilm-dimensions-003.eps eaton-contactors-mounting-dilm-dimensions-002.eps eaton-contactors-mounting-dilm-dimensions.eps eaton-contactors-dilm-dimensions.eps |
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| CONFORMITY | DA-DC-00004781.pdf eaton-contactors-dilm-dimensions-003.eps eaton-contactors-mounting-dilm-dimensions-002.eps eaton-contactors-mounting-dilm-dimensions.eps eaton-contactors-dilm-dimensions-011.eps eaton-contactors-dilm-3d-drawing.eps eaton-contactors-dilm-3d-drawing.eps |
| CONFORMITY | eaton-contactors-dilm-dimensions-003.eps eaton-contactors-mounting-dilm-dimensions-002.eps eaton-contactors-mounting-dilm-dimensions-002.eps eaton-contactors-mounting-dilm-dimensions.eps eaton-contactors-dilm-dimensions-011.eps eaton-contactors-dilm-3d-drawing.eps eaton-contactors-dilm-3d-drawing-013.eps eaton-general-ie-ready-dilm-contactor- |

| ASSEMBLIES | be evaluated. |
|---|--|
| 10.4 CLEARANCES AND CREEPAGE DISTANCES | Meets the product standard's requirements. |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS | Is the panel builder's responsibility. |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | Is the panel builder's responsibility. |
| 10.9.2 POWER- FREQUENCY ELECTRIC STRENGTH | Is the panel builder's responsibility. |
| 10.9.3 IMPULSE WITHSTAND VOLTAGE | Is the panel builder's responsibility. |
| 10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL | ls the panel builder's responsibility. |
| OPERATING FREQUENCY | 3600 mechanical Operations/h (AC operated) |
| POLLUTION DEGREE | 3 |
| | |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| CLIMATIC PROOFING CONNECTION TO SMARTWIRE-DT | 60068-2-30 Damp heat, constant, to |
| CONNECTION TO | 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE | 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | Damp heat, constant, to IEC 60068-2-78 No 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off |
| CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY | Damp heat, constant, to IEC 60068-2-78 No 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running |
| CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY CONNECTION | Damp heat, constant, to IEC 60068-2-78 No 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running Screw terminals |
| CONNECTION TO SMARTWIRE-DT RATED IMPULSE WITHSTAND VOLTAGE (UIMP) UTILIZATION CATEGORY CONNECTION FRAME SIZE AMBIENT OPERATING | Damp heat, constant, to IEC 60068-2-78 No 8000 V AC AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-3: Normal AC induction motors: starting, switch off during running Screw terminals FS4 |

| INSTALLATION INSTRUCTIONS | eaton-dil-contactors- instruction-leaflet- il03407039z.pdf |
|------------------------------|--|
| INSTALLATION VIDEOS | WIN-WIN with push-in technology |
| MCAD MODEL | DA-CS-dil m80 170 DA-CD-dil m80 170 |
| SYSTEM OVERVIEW | eaton-contactors-dilm- contactor-system- overview.eps |
| WIRING DIAGRAMS | eaton-contactors-contact- dilm-wiring-diagram- 003.eps |

| TEMPERATURE - MIN | |
|---|--------|
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX | 40 °C |
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN | 25 °C |
| AMBIENT STORAGE TEMPERATURE - MAX | 80 °C |
| AMBIENT STORAGE TEMPERATURE - MIN | 40 °C |
| ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE | 7.5 HP |
| ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE | 30 HP |
| ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE | 15 HP |
| ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE | 40 HP |
| ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE | 75 HP |
| ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE | 100 HP |
| CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED) | 250 A |
| CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED) | 100 A |
| CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN) | 115 A |
| CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN) | 275 A |
| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID | 12.6 W |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID | 4.2 W |

| APPLICATION | Contactors for Motors |
|--|--|
| PRODUCT CATEGORY | Contactors |
| PROTECTION | Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274) |
| ARCING TIME | 15 ms |
| ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT | Screw connection |
| SCREWDRIVER SIZE | 0.8 x 5.5/1 x 6 mm, Terminal screw, Control circuit cables, Standard screwdriver 2, Terminal screw, Control circuit cables, Pozidriv screwdriver |
| VOLTAGE TYPE | AC |
| DEGREE OF PROTECTION | IP00 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) | 0 |
| NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT | 0 |
| NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT) | 3 |
| RATED BREAKING CAPACITY AT 220/230 V | 950 A |
| RATED BREAKING CAPACITY AT 380/400 V | 950 A |
| RATED BREAKING CAPACITY AT 500 V | 950 A |
| RATED BREAKING CAPACITY AT 660/690 V | 800 A |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX | 380 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN | 380 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX | 440 V |

| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN | 440 V |
|--|--|
| DROP-OUT VOLTAGE | AC operated: 0.6 - 0.3 x UC, AC operated |
| OVERVOLTAGE CATEGORY | III |
| DUTY FACTOR | 100 % |
| EMITTED INTERFERENCE | According to EN 60947-1 |
| INTERFERENCE IMMUNITY | According to EN 60947-1 |
| LIFESPAN, MECHANICAL | 10,000,000 Operations (AC operated) |
| PICK-UP VOLTAGE | 0.8 - 1.1 V AC x Uc |
| POWER CONSUMPTION, PICK-UP, 50 HZ | 310 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz |
| SAFE ISOLATION | 690 V AC, Between the contacts, According to EN 61140 690 V AC, Between coil and contacts, According to EN 61140 |
| POWER CONSUMPTION, PICK-UP, 60 HZ | 345 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz |
| RESIDUAL CURRENT | 1 mA (with actuation of A1 - A2 by the electronics with "0" signal) |
| SCREW SIZE | M10, Terminal screw, Main cables 5 mm AF, Hexagon sockethead spanner, Terminal screw, Main cables M3.5, Terminal screw, Control circuit cables |
| POWER CONSUMPTION, SEALING, 50 HZ | 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz 26 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 50 Hz |
| POWER CONSUMPTION, SEALING, 60 HZ | 5.8 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz 30 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz |
| TERMINAL CAPACITY (STRANDED) | 2 x (16 - 50) mm², Main cables |
| | |

| | 1 x (16 - 70) mm², Main cables |
|---|--|
| TERMINAL CAPACITY (COPPER BAND) | 2 x (6 x 16 x 0.8) mm (Number of segments x width x thickness), Main cables |
| TERMINAL CAPACITY (FLEXIBLE WITH FERRULE) | 1 x (0.75 - 2.5) mm², Control circuit cables 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (10 - 70) mm², Main cables 2 x (10 - 50) mm², Main cables |
| SHOCK RESISTANCE | 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Halfsinusoidal shock 10 ms 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Halfsinusoidal shock 10 ms |
| TERMINAL CAPACITY (SOLID) | 2 x (0.75 - 2.5) mm², Control circuit cables 1 x (0.75 - 4) mm², Control circuit cables |
| TERMINAL CAPACITY (SOLID/STRANDED AWG) | Single 83/0, double 82/0, Main cables 18 - 14, Control circuit cables |
| SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE) | 125 A, Maximum motor rating (UL/CSA) |
| TIGHTENING TORQUE | 14 Nm, Screw terminals, Main cables |

| | 1.2 Nm, Screw terminals, Control circuit cables |
|--|--|
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX | 0 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN | 0 V |
| RATED INSULATION VOLTAGE (UI) | 690 V |
| RATED MAKING CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947) | 1330 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-1, 380 V, 400 V, 415 V | 130 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 220 V, 230 V, 240 V | 95 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V | 95 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V | 95 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V | 95 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V | 80 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V | 50 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V | 50 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V | 50 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V | 50 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V | 37 A |
| RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V | 110 A |

| RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V | 70 A |
|---|--------|
| RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V | 110 A |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 95 A |
| RATED OPERATIONAL POWER AT AC-3, 240 V, 50 HZ | 32 kW |
| RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ | 45 kW |
| RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ | 57 kW |
| RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ | 16 kW |
| RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ | 17 kW |
| RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ | 26 kW |
| RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ | 30 kW |
| RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ | 32 kW |
| RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ | 36 kW |
| RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ | 35 kW |
| RATED OPERATIONAL POWER (NEMA) | 55 kW |
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 690 V |
| RESISTANCE PER POLE | 0.6 mΩ |
| STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS | 5.8 W |
| STRIPPING LENGTH | 10 mm |
| | |

| (CONTROL CIRCUIT | |
|---|--|
| CABLE) STRIPPING LENGTH | 24 mm |
| (MAIN CABLE) SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX | 20 ms |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MIN | 14 ms |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX | 14 ms |
| SWITCHING TIME (AC OPERATED, MAKE CONTACTS, OPENING DELAY) - MIN | 9 ms |
| SHORT-CIRCUIT CURRENT RATING (BASIC RATING) | 600 A, max. Fuse, SCCR (UL/CSA) 600 A, max. CB, SCCR (UL/CSA) 10 kA, SCCR (UL/CSA) |
| SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V) | 65 kA, CB, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR (UL/CSA) 300/300 A, Class J, max. Fuse, SCCR (UL/CSA) 250 A, max. CB, SCCR (UL/CSA) |
| SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) | 350 A, max. CB, SCCR (UL/CSA) 30 kA, CB, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR (UL/CSA) 300/300 A, Class J, max. Fuse, SCCR (UL/CSA) |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V | 250 A gG/gL |
| SUITABLE FOR | Also motors with efficiency class IE3 |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V | 200 A gG/gL |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) | 160 A gG/gL |

| AT 400 V | |
|---|---|
| SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V | 160 A gG/gL |
| SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS | 100 A (480V 60Hz 3phase, 277V 60Hz 1phase) 100 A (600V 60Hz 3phase, 347V 60Hz 1phase) |
| SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING | 570 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 95 A, FLA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) |
| SPECIAL PURPOSE RATING OF ELEVATOR CONTROL | 62.1 A, 200 V 60 Hz 3-ph, (UL/CSA) 60 HP, 480 V 60 Hz 3-ph, (UL/CSA) 80 A, 240 V 60 Hz 3-ph, (UL/CSA) 77 A, 480 V 60 Hz 3-ph, (UL/CSA) 77 A, 600 V 60 Hz 3-ph, (UL/CSA) 20 HP, 200 V 60 Hz 3-ph, (UL/CSA) 30 HP, 240 V 60 Hz 3-ph, (UL/CSA) 75 HP, 600 V 60 Hz 3-ph, (UL/CSA) |
| SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY) | 420 A, LRA 600 V 60 Hz 3phase; (CSA) 540 A, LRA 480 V 60 Hz 3phase; (CSA) 90 A, FLA 480 V 60 Hz 3phase; (CSA) 70 A, FLA 600 V 60 Hz 3phase; (CSA) |
| SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING | 100 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) 100 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) |
| SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS | 100 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) 100 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) |
| CONVENTIONAL THERMAL CURRENT ITH | 130 A |

| AT 40°C (3-POLE, OPEN) | |
|---|--------------------------|
| CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) | 125 A |
| CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) | 110 A |
| RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ | 60 kW |
| RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ | 70 kW |
| RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ | 75 kW |
| ACTUATING VOLTAGE | 380 V 50 Hz, 440 V 60 Hz |
| ALTITUDE | Max. 2000 m |
| OPERATING VOLTAGE AT AC, 50 HZ - MIN | 230 V |
| OPERATING VOLTAGE AT AC, 50 HZ - MAX | 690 V |
| OPERATING VOLTAGE AT AC, 60 HZ - MIN | 230 V |
| OPERATING VOLTAGE AT AC, 60 HZ - MAX | 690 V |

| PROJECT NAME: | |
|-----------------|--|
| PROJECT NUMBER: | |
| PREPARED BY: | |
| DATE: | |



Eaton Corporation plc

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