Specifications

Photo is representative

Eaton 276704

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 4 kW, 1 N/O, 12 V DC, DC operation, Screw terminals

| PRODUCT NAME Eaton Moeller® series DILM contactor CATALOG NUMBER 276704 MODEL CODE DILM9-10(12VDC) EAN 4015082767044 PRODUCT LENGTH/DEPTH 75 mm PRODUCT WIDTH 45 mm PRODUCT WEIGHT 0.296 kg VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1-14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES GLOBAL CATALOG 276704 | General specification | ns |
|--|-----------------------|--|
| ## MODEL CODE DILM9-10(12VDC) EAN | PRODUCT NAME | |
| ## PRODUCT T5 mm FRODUCT T5 mm FRODUCT T5 mm FRODUCT HEIGHT FRODUCT WIDTH T5 mm FRODUCT WEIGHT T5 mm FRODUCT WEIGHT T5 mm FRODUCT WEIGHT T5 mm T5 mm | CATALOG NUMBER | 276704 |
| PRODUCT LENGTH/DEPTH 75 mm PRODUCT HEIGHT 68 mm PRODUCT WIDTH 45 mm PRODUCT WEIGHT 0.296 kg VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE CERTIFICATIONS UL File No.: E29096 CSA-C22.2 No. 60947-4-1- 14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES Contacts according to EN 50012 | MODEL CODE | DILM9-10(12VDC) |
| ## PRODUCT HEIGHT 68 mm PRODUCT WIDTH 45 mm PRODUCT WEIGHT 0.296 kg VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1-14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES Contacts according to EN 50012 CATALOG NOTES Contacts according to EN 50012 | EAN | 4015082767044 |
| PRODUCT WIGHT 45 mm PRODUCT WEIGHT 0.296 kg VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1- 14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES Contacts according to EN 50012 | | 75 mm |
| PRODUCT WEIGHT 0.296 kg VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 UL 60947-4-1 USA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1-14 14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 Contacts according to EN 50012 | PRODUCT HEIGHT | 68 mm |
| VDE 0660 CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1- 14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES Contacts according to EN 50012 | PRODUCT WIDTH | 45 mm |
| CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1- 14 UL UL Category Control No.: NLDX IEC/EN 60947 CSA File No.: 012528 CATALOG NOTES Contacts according to EN 50012 | PRODUCT WEIGHT | 0.296 kg |
| 50012 | CERTIFICATIONS | CSA Class No.: 2411-03, 3211-04 IEC/EN 60947-4-1 UL 60947-4-1 CSA CE UL File No.: E29096 CSA-C22.2 No. 60947-4-1- 14 UL UL Category Control No.: NLDX IEC/EN 60947 |
| GLOBAL CATALOG 276704 | CATALOG NOTES | _ |
| | GLOBAL CATALOG | 276704 |



| Product specification: | S | Resources | |
|---|--|------------------------------|---|
| ELECTRICAL CONNECTION TYPE FOR AUXILIARY- AND | TRICAL NECTION TYPE FOR LIARY- AND Screw connection | Resources | eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf |
| CONTROL-CURRENT CIRCUIT | | CATALOGS | Product Range Catalog Switching and protecting |
| NUMBER OF POLES | Three-pole | | <u>motors</u> |
| | The panel builder is responsible for the | | SmartWire-DT Catalog |
| 10.10 TEMPERATURE RISE | temperature rise calculation. Eaton will provide heat dissipation data for the devices. | | eaton-contactors-switch-dilm-characteristic-curve-002.eps |
| 10.11 SHORT-CIRCUIT RATING | Is the panel builder's responsibility. The specifications for the switchgear must be observed. | CHARACTERISTIC CURVE | eaton-contactors- component-dilm- characteristic-curve- 003.eps eaton-contactors-short- |
| 10.12 ELECTROMAGNETIC COMPATIBILITY | Is the panel builder's responsibility. The specifications for the switchgear must be observed. | | time-loading-dilm- characteristic-curve.eps eaton-contactors-switch- dilm-characteristic- curve.eps |
| 10.13 MECHANICAL FUNCTION | The device meets the requirements, provided the information in the instruction leaflet (IL) is | DECLARATIONS OF CONFORMITY | DA-DC-00004792.pdf DA-DC-00004810.pdf |
| 40.2.2.CORROGION | observed. | | eaton-contactors- mounting-dilm- |
| 10.2.2 CORROSION RESISTANCE | Meets the product standard's requirements. | | <u>dimensions.eps</u> |
| 10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES | Meets the product standard's requirements. | | eaton-contactors- mounting-dilm- dimensions-002.eps |
| 10.2.3.2 VERIFICATION OF RESISTANCE OF | Meets the product | | <u>eaton-contactors-module-dilm-dimensions.eps</u> |
| INSULATING MATERIALS TO NORMAL HEAT | standard's requirements. | DRAWINGS | <u>eaton-contactors-frame-</u> <u>dilm-dimensions.eps</u> |
| 10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE | INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. Meets the product standard's requirements. | | eaton-contactors-module- dilm-dimensions-002.eps |
| BY INTERNAL ELECT. EFFECTS | | | eaton-contactors-dilm-3d-drawing-007.eps |
| 10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION | Meets the product standard's requirements. | | eaton-general-ie-ready- dilm-contactor- standards.eps |
| 10.2.5 LIFTING | Does not apply, since the entire switchgear needs to | ECAD MODEL | ETN.276704.edz |
| 10.2.6 MECHANICAL | be evaluated. Does not apply, since the entire switchgear needs to | INSTALLATION INSTRUCTIONS | eaton-contactors-dila- dilm7-15-dilmp20- il03407013z.pdf |

| 10.2.7 INSCRIPTIONS | Meets the product standard's requirements. |
|---|--|
| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | Does not apply, since the entire switchgear needs to be evaluated. |
| 10.4 CLEARANCES AND CREEPAGE DISTANCES | Meets the product standard's requirements. |
| 10.5 PROTECTION AGAINST ELECTRIC SHOCK | Does not apply, since the entire switchgear needs to be evaluated. |
| 0.6 INCORPORATION OF WITCHING DEVICES AND COMPONENTS | Does not apply, since the entire switchgear needs to be evaluated. |
| IO.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS | ls the panel builder's responsibility. |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS | Is the panel builder's responsibility. |
| 0.9.2 POWER- REQUENCY ELECTRIC TRENGTH | ls the panel builder's responsibility. |
| 10.9.3 IMPULSE WITHSTAND VOLTAGE | ls the panel builder's responsibility. |
| IO.9.4 TESTING OF ENCLOSURES MADE OF NSULATING MATERIAL | ls the panel builder's responsibility. |
| ITTED WITH: | Varistor suppressor circuit |
| PERATING FREQUENCY | 9000 mechanical Operations/h (DC operated) |
| OLLUTION DEGREE | 3 |
| LIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| CONNECTION TO SMARTWIRE-DT | No |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 8000 V AC |
| JTILIZATION CATEGORY | AC-3: Normal AC induction motors: starting, switch off during running AC-1: Non-inductive or slightly inductive loads, resistance furnaces AC-4: Normal AC induction motors: starting, plugging, |
| CONNECTION | reversing, inching Screw terminals |
| | |

| INSTALLATION VIDEOS | WIN-WIN with push-in technology |
|---------------------|---|
| MCAD MODEL | DA-CS-dil m7 15 |
| MCAD MODEL | DA-CD-dil m7_15 |
| SYSTEM OVERVIEW | eaton-contactors-dilm- contactor-system- overview.eps |
| WIRING DIAGRAMS | eaton-contactors-contact- dilm-wiring-diagram.eps |

| FRAME SIZE | FS1 |
|---|--------|
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| 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 | 0.5 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 | 1.5 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 | 5 HP |
| ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE | 7.5 HP |
| CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED) | 45 A |
| CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED) | 18 A |
| CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN) | 21 A |
| CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN) | 50 A |
| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID | 0.9 W |

| HEAT DISSIPATION CAPACITY PDISS | 0 W |
|--|--|
| HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID | 0.3 W |
| SWITCHING TIME (DC OPERATED, MAKE CONTACTS, CLOSING DELAY) - MAX | 31 ms |
| SWITCHING TIME (DC OPERATED, MAKE CONTACTS, OPENING DELAY) - MAX | 12 ms |
| 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 | 10 ms |
| ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT | Screw connection |
| | |
| SCREWDRIVER SIZE | 0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver |
| SCREWDRIVER SIZE VOLTAGE TYPE | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv |
| | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver |
| VOLTAGE TYPE | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC |
| VOLTAGE TYPE DEGREE OF PROTECTION NUMBER OF AUXILIARY CONTACTS (NORMALLY | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC IP20 |
| VOLTAGE TYPE DEGREE OF PROTECTION NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) NUMBER OF AUXILIARY CONTACTS (NORMALLY | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC IP20 |
| VOLTAGE TYPE DEGREE OF PROTECTION NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) NUMBER OF CONTACTS (NORMALLY CLOSED) AS | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC IP20 0 |
| VOLTAGE TYPE DEGREE OF PROTECTION NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT NUMBER OF CONTACTS (NORMALLY OPEN | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC IP20 0 1 |
| VOLTAGE TYPE DEGREE OF PROTECTION NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS) NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS) NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) NUMBER OF MAIN CONTACTS (NORMALLY | Terminal screw, Standard screwdriver 2, Terminal screw, Pozidriv screwdriver DC IP20 1 1 |

| (SEALING) AT DC | |
|--|---|
| RATED BREAKING CAPACITY AT 220/230 V | 90 A |
| RATED BREAKING CAPACITY AT 380/400 V | 90 A |
| RATED BREAKING CAPACITY AT 500 V | 70 A |
| RATED BREAKING CAPACITY AT 660/690 V | 50 A |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX | 0 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN | 0 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX | 0 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN | 0 V |
| DROP-OUT VOLTAGE | 0.6 - 0.15 x UC, DC operated At least smoothed two- phase bridge rectifier or three-phase rectifier |
| 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 (DC operated) |
| PICK-UP VOLTAGE | 0.85 - 1.1 V DC x Uc (only with auxiliary contact module with 3 or more N/C contacts) 0.8 - 1.1 V DC x Uc |
| SAFE ISOLATION | 400 V AC, Between coil and contacts, According to EN 61140 400 V AC, Between the contacts, According to EN 61140 |
| SCREW SIZE | M3.5, Terminal screw |
| SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE) | 10 A, 600 V AC, (UL/CSA) 1 A, 250 V DC, (UL/CSA) |

| SWITCHING CAPACITY (AUXILIARY CONTACTS, PILOT DUTY) | A600, AC operated (UL/CSA) P300, DC operated (UL/CSA) |
|---|--|
| TERMINAL CAPACITY (FLEXIBLE WITH FERRULE) | 2 x (0.75 - 2.5) mm ² 1 x (0.75 - 2.5) mm ² |
| 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 10 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27, 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 5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, 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 |
| TERMINAL CAPACITY (SOLID) | 2 x (0.75 - 2.5) mm ² 1 x (0.75 - 4) mm ² |
| TERMINAL CAPACITY (SOLID/STRANDED AWG) | Single 18 - 10, double 18 - 14 |
| SWITCHING CAPACITY (MAIN CONTACTS, GENERAL USE) | 20 A, Maximum motor rating (UL/CSA) |
| TIGHTENING TORQUE | 1.2 Nm, Screw terminals |
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX | 12 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN | 12 V |
| RATED INSULATION VOLTAGE (UI) | 690 V |
| RATED MAKING | 126 A |
| | |

| CAPACITY UP TO 690 V (COS PHI TO IEC/EN 60947) | |
|---|-------|
| 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 | 9 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 380 V, 400 V, 415 V | 9 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 440 V | 9 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 500 V | 7 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-3, 660 V, 690 V | 5 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 220 V, 230 V, 240 V | 6 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 400 V | 6 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 440 V | 6 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 500 V | 5 A |
| RATED OPERATIONAL CURRENT (IE) AT AC-4, 660 V, 690 V | 4.5 A |
| RATED OPERATIONAL CURRENT (IE) AT DC-1, 110 V | 20 A |
| RATED OPERATIONAL CURRENT (IE) AT DC-1, 220 V | 15 A |
| RATED OPERATIONAL CURRENT (IE) AT DC-1, 60 V | 20 A |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 9 A |
| RATED OPERATIONAL POWER AT AC-3, 240 V, 50 | 3 kW |

| HZ | |
|---|---|
| RATED OPERATIONAL POWER AT AC-3, 380/400 V, 50 HZ | 4 kW |
| RATED OPERATIONAL POWER AT AC-3, 415 V, 50 HZ | 5.5 kW |
| RATED OPERATIONAL POWER AT AC-4, 220/230 V, 50 HZ | 1.5 kW |
| RATED OPERATIONAL POWER AT AC-4, 240 V, 50 HZ | 1.6 kW |
| RATED OPERATIONAL POWER AT AC-4, 380/400 V, 50 HZ | 2.5 kW |
| RATED OPERATIONAL POWER AT AC-4, 415 V, 50 HZ | 2.8 kW |
| RATED OPERATIONAL POWER AT AC-4, 440 V, 50 HZ | 3 kW |
| RATED OPERATIONAL POWER AT AC-4, 500 V, 50 HZ | 2.8 kW |
| RATED OPERATIONAL POWER AT AC-4, 660/690 V, 50 HZ | 3.6 kW |
| RATED OPERATIONAL POWER (NEMA) | 3.7 kW |
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 690 V |
| RESISTANCE PER POLE | 4.6 mΩ |
| STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS | 4.5 W |
| STRIPPING LENGTH (CONTROL CIRCUIT CABLE) | 10 mm |
| STRIPPING LENGTH (MAIN CABLE) | 10 mm |
| SHORT-CIRCUIT CURRENT RATING (BASIC RATING) | 45 A, max. Fuse, SCCR (UL/CSA) 60 A, max. CB, SCCR (UL/CSA) 5 kA, SCCR (UL/CSA) |
| SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT | 30/100 kA, Fuse, SCCR (UL/CSA) |
| | |

| SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V) | 16 A, max. CB, SCCR (UL/CSA) 25 A, Class RK5/ 20 A Class J, max. Fuse, SCCR (UL/CSA) 65 kA, CB, SCCR (UL/CSA) 25 A, Class RK5/20 A, Class J, max. Fuse, SCCR (UL/CSA) 30/100 kA, Fuse, SCCR |
|---|--|
| | (UL/CSA) |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V | 35 A gG/gL |
| SUITABLE FOR | Also motors with efficiency class IE3 |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V | 20 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 | 16 A gG/gL |
| SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS | 18 A (600V 60Hz 3phase, 347V 60Hz 1phase) 18 A (480V 60Hz 3phase, 277V 60Hz 1phase) |
| SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING | 54 A, LRA 480 V 60 Hz 3- ph, 100,000 cycles acc. to UL 1995, (UL/CSA) 9 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA) |
| SPECIAL PURPOSE RATING OF ELEVATOR CONTROL | 2 HP, 200 V 60 Hz 3-ph, (UL/CSA) 2 HP, 240 V 60 Hz 3-ph, (UL/CSA) 6.1 A, 600 V 60 Hz 3-ph, (UL/CSA) 7.8 A, 200 V 60 Hz 3-ph, (UL/CSA) 3 HP, 480 V 60 Hz 3-ph, (UL/CSA) 5 HP, 600 V 60 Hz 3-ph, (UL/CSA) 6.8 A, 240 V 60 Hz 3-ph, (UL/CSA) |

| | 4.8 A, 480 V 60 Hz 3-ph, (UL/CSA) |
|---|--|
| SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY) | 60 A, LRA 600 V 60 Hz 3phase; (CSA) 10 A, FLA 600 V 60 Hz 3phase; (CSA) 60 A, LRA 480 V 60 Hz 3phase; (CSA) 10 A, FLA 480 V 60 Hz 3phase; (CSA) |
| SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING | 18 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) 18 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) |
| SPECIAL PURPOSE RATING OF TUNGSTEN INCANDESCENT LAMPS | 14 A, 600 V 60 Hz 3phase, 347 V 60 Hz 1phase, (UL/CSA) 14 A, 480 V 60 Hz 3phase, 277 V 60 Hz 1phase, (UL/CSA) |
| CONVENTIONAL THERMAL CURRENT ITH AT 40°C (3-POLE, OPEN) | 22 A |
| CONVENTIONAL THERMAL CURRENT ITH AT 50°C (3-POLE, OPEN) | 21 A |
| CONVENTIONAL THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN) | 20 A |
| RATED OPERATIONAL POWER AT AC-3, 440 V, 50 HZ | 5.5 kW |
| RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ | 4.5 kW |
| RATED OPERATIONAL POWER AT AC-3, 690 V, 50 HZ | 4.5 kW |
| ACTUATING VOLTAGE | 12 V DC |
| ALTITUDE | Max. 2000 m |
| OPERATING VOLTAGE AT AC, 50 HZ - MIN | 24 V |
| OPERATING VOLTAGE AT AC, 50 HZ - MAX | 690 V |
| OPERATING VOLTAGE AT AC, 60 HZ - MIN | 24 V |
| OPERATING VOLTAGE AT AC, 60 HZ - MAX | 690 V |

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



Eaton Corporation plc

Eaton House 30 Pembroke Road Dublin 4, Ireland Eaton.com

© 2025 Eaton. All Rights Reserved.

Follow us on social media to get the latest product and support information.









