

# Eaton 118915

Eaton Moeller® series DILMP Contactor, 4 pole, 45 A, 1 NC, 110 V 50 Hz, 120 V 60 Hz, AC operation

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| <b>PRODUCT NAME</b>         | Eaton Moeller® series<br>DILMP 4-pole contactor                                                                                                                                                                                  |
| <b>CATALOG NUMBER</b>       | 118915                                                                                                                                                                                                                           |
| <b>PRODUCT LENGTH/DEPTH</b> | 97 mm                                                                                                                                                                                                                            |
| <b>PRODUCT HEIGHT</b>       | 85 mm                                                                                                                                                                                                                            |
| <b>PRODUCT WIDTH</b>        | 58 mm                                                                                                                                                                                                                            |
| <b>PRODUCT WEIGHT</b>       | 0.49 kg                                                                                                                                                                                                                          |
| <b>CERTIFICATIONS</b>       | CSA File No.: 012528<br>UL<br>IEC/EN 60947-4-1<br>CSA-C22.2 No. 60947-4-1-14<br>UL 60947-4-1<br>CSA Class No.: 2411-03, 3211-04<br>VDE 0660<br>CE<br>CSA<br>UL Category Control No.: NLDX<br>IEC/EN 60947<br>UL File No.: E29096 |
| <b>CATALOG NOTES</b>        | Contacts according to EN 50012                                                                                                                                                                                                   |

| <b>NUMBER OF POLES</b>                                                                  | Four-pole                                                                                                                        |
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| <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.                         |
| <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</b>                                                     | Does not apply, since the entire switchgear needs to                                                                             |

| <a href="#">IL03407049Z</a> |
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| <b>ASSEMBLIES</b>                                               | be evaluated.                                                                                                                                 |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                   | Meets the product standard's requirements.                                                                                                    |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                   | Does not apply, since the entire switchgear needs to be evaluated.                                                                            |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>   | Does not apply, since the entire switchgear needs to be evaluated.                                                                            |
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>        | Is the panel builder's responsibility.                                                                                                        |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                 | Is the panel builder's responsibility.                                                                                                        |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                 | Is the panel builder's responsibility.                                                                                                        |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                         | Is the panel builder's responsibility.                                                                                                        |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b> | Is the panel builder's responsibility.                                                                                                        |
| <b>FITTED WITH:</b>                                             | Mirror contact                                                                                                                                |
| <b>OPERATING FREQUENCY</b>                                      | 5000 mechanical Operations/h (DC operated)<br>5000 mechanical Operations/h (AC operated)                                                      |
| <b>POLLUTION DEGREE</b>                                         | 3                                                                                                                                             |
| <b>CLIMATIC PROOFING</b>                                        | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-3                                                                 |
| <b>CONNECTION TO SMARTWIRE-DT</b>                               | No                                                                                                                                            |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>                   | 8000 V AC                                                                                                                                     |
| <b>UTILIZATION CATEGORY</b>                                     | AC-3: Normal AC induction motors: starting, switch off during running<br>AC-1: Non-inductive or slightly inductive loads, resistance furnaces |
| <b>CONNECTION</b>                                               | Screw terminals                                                                                                                               |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 60 °C                                                                                                                                         |
| <b>AMBIENT OPERATING</b>                                        | -25 °C                                                                                                                                        |

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| <b>TEMPERATURE - MIN</b>                                                |        |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>                   | 40 °C  |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN</b>                   | -25 °C |
| <b>AMBIENT STORAGE TEMPERATURE - MAX</b>                                | 80 °C  |
| <b>AMBIENT STORAGE TEMPERATURE - MIN</b>                                | -40 °C |
| <b>ASSIGNED MOTOR POWER AT 115/120 V, 60 HZ, 1-PHASE</b>                | 2 HP   |
| <b>ASSIGNED MOTOR POWER AT 200/208 V, 60 HZ, 3-PHASE</b>                | 7.5 HP |
| <b>ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 1-PHASE</b>                | 5 HP   |
| <b>ASSIGNED MOTOR POWER AT 230/240 V, 60 HZ, 3-PHASE</b>                | 10 HP  |
| <b>ASSIGNED MOTOR POWER AT 460/480 V, 60 HZ, 3-PHASE</b>                | 15 HP  |
| <b>ASSIGNED MOTOR POWER AT 575/600 V, 60 HZ, 3-PHASE</b>                | 20 HP  |
| <b>CONVENTIONAL THERMAL CURRENT ITH (1-POLE, ENCLOSED)</b>              | 105 A  |
| <b>CONVENTIONAL THERMAL CURRENT ITH (3-POLE, ENCLOSED)</b>              | 36 A   |
| <b>CONVENTIONAL THERMAL CURRENT ITH AT 55°C (3-POLE, OPEN)</b>          | 40 A   |
| <b>CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1-POLE, OPEN)</b> | 117 A  |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>               | 13.2 W |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                                  | 0 W    |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>                | 4.4 W  |

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| <b>APPLICATION</b>                                             | Contactors for 4 pole electric consumers                                                             |
| <b>PRODUCT CATEGORY</b>                                        | Contactors                                                                                           |
| <b>PROTECTION</b>                                              | Finger and back-of-hand proof, Protection against direct contact when actuated from front (EN 50274) |
| <b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>              | Screw connection                                                                                     |
| <b>SCREWDRIVER SIZE</b>                                        | 2, Terminal screw, Pozidriv screwdriver<br>0.8 x 5.5/1 x 6 mm, Terminal screw, Standard screwdriver  |
| <b>VOLTAGE TYPE</b>                                            | AC                                                                                                   |
| <b>DEGREE OF PROTECTION</b>                                    | IP00                                                                                                 |
| <b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b> | 1                                                                                                    |
| <b>NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)</b>   | 0                                                                                                    |
| <b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>           | 1                                                                                                    |
| <b>NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT</b>    | 0                                                                                                    |
| <b>NUMBER OF MAIN CONTACTS (NORMALLY OPEN CONTACT)</b>         | 4                                                                                                    |
| <b>RATED BREAKING CAPACITY AT 220/230 V</b>                    | 250 A                                                                                                |
| <b>RATED BREAKING CAPACITY AT 380/400 V</b>                    | 250 A                                                                                                |
| <b>RATED BREAKING CAPACITY AT 500 V</b>                        | 250 A                                                                                                |
| <b>RATED BREAKING CAPACITY AT 660/690 V</b>                    | 144 A                                                                                                |
| <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</b>             | 120 V                                                                                                |

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| <b>HZ - MAX</b>                                             |                                                                                                                             |
| <b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b> | 120 V                                                                                                                       |
| <b>DROP-OUT VOLTAGE</b>                                     | AC operated: 0.6 - 0.4 x Uc, AC operated                                                                                    |
| <b>OVERVOLTAGE CATEGORY</b>                                 | III                                                                                                                         |
| <b>DUTY FACTOR</b>                                          | 100 %                                                                                                                       |
| <b>INTERFERENCE IMMUNITY</b>                                | According to EN 60947-1                                                                                                     |
| <b>LIFESPAN, MECHANICAL</b>                                 | 10,000,000 Operations (AC operated)<br>10,000,000 Operations (DC operated)                                                  |
| <b>PICK-UP VOLTAGE</b>                                      | 0.85 - 1.1 V AC/DC x Us<br>0.8 - 1.1 V AC x Uc                                                                              |
| <b>POWER CONSUMPTION, PICK-UP, 50 HZ</b>                    | 50 VA, Dual-frequency coil in a cold state and 1.0 x Us                                                                     |
| <b>SAFE ISOLATION</b>                                       | 440 V AC, Between the contacts, According to EN 61140<br>440 V AC, Between coil and contacts, According to EN 61140         |
| <b>POWER CONSUMPTION, PICK-UP, 60 HZ</b>                    | 40 W, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz<br>50 VA, Dual-frequency coil in a cold state and 1.0 x Us |
| <b>RESIDUAL CURRENT</b>                                     | 1 mA (with actuation of A1 - A2 by the electronics with "0" signal)                                                         |
| <b>SCREW SIZE</b>                                           | M5, Terminal screw, Main cables<br>M3.5, Terminal screw, Control circuit cables                                             |
| <b>POWER CONSUMPTION, SEALING, 50 HZ</b>                    | 2.1 W, Dual-frequency coil in a cold state and 1.0 x Us                                                                     |
| <b>POWER CONSUMPTION, SEALING, 60 HZ</b>                    | 8 VA, Dual-frequency coil in a cold state and 1.0 x Us, at 60 Hz<br>2.1 W, Dual-frequency coil in a cold state and 1.0 x Us |
| <b>TERMINAL CAPACITY (STRANDED)</b>                         | 1 x 16 mm <sup>2</sup> , Main cables                                                                                        |
| <b>SWITCHING CAPACITY (AUXILIARY CONTACTS, GENERAL USE)</b> | 1 A, 250 V DC, (UL/CSA)<br>10 A, 600 V AC, (UL/CSA)                                                                         |
| <b>SWITCHING CAPACITY</b>                                   | A600, AC operated                                                                                                           |

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| <b>(AUXILIARY CONTACTS,<br/>PILOT DUTY)</b>                                    | (UL/CSA)<br>P300, DC operated<br>(UL/CSA)                                                                                                                                                                                                                                                                                                   |
| <b>TERMINAL CAPACITY<br/>(FLEXIBLE WITH<br/>FERRULE)</b>                       | 1 x (0.75 - 1.5) mm <sup>2</sup><br>2 x (0.75 - 1.5) mm <sup>2</sup>                                                                                                                                                                                                                                                                        |
| <b>SHOCK RESISTANCE</b>                                                        | 5 g, N/C auxiliary contact,<br>Mechanical, according to<br>IEC/EN 60068-2-27, Half-<br>sinusoidal shock 10 ms<br>10 g, N/O main contact,<br>Mechanical, according to<br>IEC/EN 60068-2-27, Half-<br>sinusoidal shock 10 ms<br>7 g, N/O auxiliary contact,<br>Mechanical, according to<br>IEC/EN 60068-2-27, Half-<br>sinusoidal shock 10 ms |
| <b>TERMINAL CAPACITY<br/>(SOLID)</b>                                           | 1 x (0.75 - 4) mm <sup>2</sup> , Control<br>circuit cables<br>1 x (0.75 - 16) mm <sup>2</sup> , Main<br>cables<br>2 x (0.75 - 10) mm <sup>2</sup> , Main<br>cables<br>2 x (0.75 - 2.5) mm <sup>2</sup> ,<br>Control circuit cables<br>1 x (0.75 - 2.5) mm <sup>2</sup>                                                                      |
| <b>TERMINAL CAPACITY<br/>(SOLID/STRANDED AWG)</b>                              | 18 - 6, Main cables<br>18 - 14, Control circuit<br>cables                                                                                                                                                                                                                                                                                   |
| <b>SWITCHING CAPACITY<br/>(MAIN CONTACTS,<br/>GENERAL USE)</b>                 | 40 A, Maximum motor<br>rating (UL/CSA)                                                                                                                                                                                                                                                                                                      |
| <b>TIGHTENING TORQUE</b>                                                       | 1.2 Nm, Screw terminals,<br>Control circuit cables<br>3 Nm, Screw terminals,<br>Main cables                                                                                                                                                                                                                                                 |
| <b>TERMINAL CAPACITY<br/>(FLEXIBLE)</b>                                        | 1 x (0.75 - 2.5) mm <sup>2</sup><br>2 x (0.75 - 2.5) mm <sup>2</sup>                                                                                                                                                                                                                                                                        |
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT DC -<br/>MAX</b>                   | 0 V                                                                                                                                                                                                                                                                                                                                         |
| <b>RATED CONTROL SUPPLY<br/>VOLTAGE (US) AT DC -<br/>MIN</b>                   | 0 V                                                                                                                                                                                                                                                                                                                                         |
| <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> | 350 A                                                                                                                                                                                                                                                                                                                                       |
| <b>RATED OPERATIONAL</b>                                                       | 45 A                                                                                                                                                                                                                                                                                                                                        |

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| <b>CURRENT (IE) AT AC-1,<br/>380 V, 400 V, 415 V</b>                         |       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>220 V, 230 V, 240 V</b>   | 25 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>380 V, 400 V, 415 V</b>   | 25 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>440 V</b>                 | 25 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>500 V</b>                 | 25 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>660 V, 690 V</b>          | 15 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-4,<br/>400 V</b>                 | 15 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1,<br/>110 V</b>                 | 45 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1,<br/>220 V</b>                 | 45 A  |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1, 60<br/>V</b>                  | 45 A  |
| <b>RATED OPERATIONAL<br/>CURRENT FOR SPECIFIED<br/>HEAT DISSIPATION (IN)</b> | 45 A  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 220/230<br/>V, 50 HZ</b>             | 16 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 240 V, 50<br/>HZ</b>                 | 18 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 380/400<br/>V, 50 HZ</b>             | 28 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 415 V, 50<br/>HZ</b>                 | 31 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 440 V, 50<br/>HZ</b>                 | 33 kW |
| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 500 V, 50<br/>HZ</b>                 | 37 kW |

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| <b>RATED OPERATIONAL<br/>POWER AT AC-1, 690 V, 50<br/>HZ</b>                        | 49 kW                                                                             |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 240 V, 50<br/>HZ</b>                        | 8.5 kW                                                                            |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 380/400<br/>V, 50 HZ</b>                    | 11 kW                                                                             |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 415 V, 50<br/>HZ</b>                        | 14.5 kW                                                                           |
| <b>RATED OPERATIONAL<br/>POWER AT AC-4, 380/400<br/>V, 50 HZ</b>                    | 7 kW                                                                              |
| <b>RATED OPERATIONAL<br/>POWER (NEMA)</b>                                           | 11 kW                                                                             |
| <b>RATED OPERATIONAL<br/>VOLTAGE (UE) AT AC -<br/>MAX</b>                           | 690 V                                                                             |
| <b>RESISTANCE PER POLE</b>                                                          | 2.7 mΩ                                                                            |
| <b>STATIC HEAT<br/>DISSIPATION, NON-<br/>CURRENT-DEPENDENT<br/>PVS</b>              | 2.1 W                                                                             |
| <b>STRIPPING LENGTH<br/>(CONTROL CIRCUIT<br/>CABLE)</b>                             | 10 mm                                                                             |
| <b>STRIPPING LENGTH<br/>(MAIN CABLE)</b>                                            | 10 mm                                                                             |
| <b>SWITCHING TIME (AC<br/>OPERATED, MAKE<br/>CONTACTS, CLOSING<br/>DELAY) - MAX</b> | 22 ms                                                                             |
| <b>SWITCHING TIME (AC<br/>OPERATED, MAKE<br/>CONTACTS, CLOSING<br/>DELAY) - MIN</b> | 16 ms                                                                             |
| <b>SWITCHING TIME (AC<br/>OPERATED, MAKE<br/>CONTACTS, OPENING<br/>DELAY) - MAX</b> | 14 ms                                                                             |
| <b>SWITCHING TIME (AC<br/>OPERATED, MAKE<br/>CONTACTS, OPENING<br/>DELAY) - MIN</b> | 8 ms                                                                              |
| <b>SHORT-CIRCUIT CURRENT<br/>RATING (BASIC RATING)</b>                              | 125 A, max. Fuse, SCCR<br>(UL/CSA)<br>5 kA, SCCR (UL/CSA)<br>125 A, max. CB, SCCR |

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|                                                                       | (UL/CSA)                                                                                                                                                                          |
| <b>SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 480 V)</b>             | 125/70 A, Class J, max.<br>Fuse, SCCR (UL/CSA)<br>10/100 kA, Fuse, SCCR (UL/CSA)<br>10/65 kA, CB, SCCR (UL/CSA)<br>50/32 A, max. CB, SCCR (UL/CSA)                                |
| <b>SHORT-CIRCUIT CURRENT RATING (HIGH FAULT AT 600 V)</b>             | 10/22 kA, CB, SCCR (UL/CSA)<br>10/100 kA, Fuse, SCCR (UL/CSA)<br>50/32 A, max. CB, SCCR (UL/CSA)<br>125/100 A, Class J, max. Fuse, SCCR (UL/CSA)                                  |
| <b>SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V</b> | 100 A gG/gL                                                                                                                                                                       |
| <b>SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 690 V</b> | 50 A gG/gL                                                                                                                                                                        |
| <b>SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V</b> | 35 A gG/gL                                                                                                                                                                        |
| <b>SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 690 V</b> | 35 A gG/gL                                                                                                                                                                        |
| <b>SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS</b>   | 40 A (600V 60Hz 3phase, 347V 60Hz 1phase)<br>40 A (480V 60Hz 3phase, 277V 60Hz 1phase)                                                                                            |
| <b>SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING</b>              | 25 A, FLA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)<br>150 A, LRA 480 V 60 Hz 3-ph, 100,000 cycles acc. to UL 1995, (UL/CSA)                                     |
| <b>SPECIAL PURPOSE RATING OF ELEVATOR CONTROL</b>                     | 17 A, 600 V 60 Hz 3-ph, (UL/CSA)<br>3 HP, 200 V 60 Hz 3-ph, (UL/CSA)<br>10 HP, 480 V 60 Hz 3-ph, (UL/CSA)<br>5 HP, 240 V 60 Hz 3-ph, (UL/CSA)<br>11 A, 200 V 60 Hz 3-ph, (UL/CSA) |

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|                                                                               | 14 A, 480 V 60 Hz 3-ph,<br>(UL/CSA)<br>15 HP, 600 V 60 Hz 3-ph,<br>(UL/CSA)<br>15.2 A, 240 V 60 Hz 3-ph,<br>(UL/CSA)                                                   |
| <b>SPECIAL PURPOSE<br/>RATING OF<br/>REFRIGERATION<br/>CONTROL (CSA ONLY)</b> | 180 A, LRA 600 V 60 Hz<br>3phase; (CSA)<br>240 A, LRA 480 V 60 Hz<br>3phase; (CSA)<br>40 A, FLA 480 V 60 Hz<br>3phase; (CSA)<br>30 A, FLA 600 V 60 Hz<br>3phase; (CSA) |
| <b>SPECIAL PURPOSE<br/>RATING OF RESISTANCE<br/>AIR HEATING</b>               | 40 A, 600 V 60 Hz 3phase,<br>347 V 60 Hz 1phase,<br>(UL/CSA)<br>40 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>          | 40 A, 480 V 60 Hz 3phase,<br>277 V 60 Hz 1phase,<br>(UL/CSA)<br>40 A, 600 V 60 Hz 3phase,<br>347 V 60 Hz 1phase,<br>(UL/CSA)                                           |
| <b>CONVENTIONAL<br/>THERMAL CURRENT ITH<br/>AT 40°C (3-POLE, OPEN)</b>        | 45 A                                                                                                                                                                   |
| <b>CONVENTIONAL<br/>THERMAL CURRENT ITH<br/>AT 50°C (3-POLE, OPEN)</b>        | 41 A                                                                                                                                                                   |
| <b>CONVENTIONAL<br/>THERMAL CURRENT ITH<br/>AT 60°C (3-POLE, OPEN)</b>        | 39 A                                                                                                                                                                   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 440 V, 50<br/>HZ</b>                  | 15.5 kW                                                                                                                                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 500 V, 50<br/>HZ</b>                  | 17.5 kW                                                                                                                                                                |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 690 V, 50<br/>HZ</b>                  | 14 kW                                                                                                                                                                  |
| <b>ACTUATING VOLTAGE</b>                                                      | 110 V 50 Hz, 120 V 60 Hz                                                                                                                                               |
| <b>ALTITUDE</b>                                                               | Max. 2000 m                                                                                                                                                            |
| <b>OPERATING VOLTAGE AT<br/>AC, 50 HZ - MIN</b>                               | 24 V                                                                                                                                                                   |
| <b>OPERATING VOLTAGE AT<br/>AC, 50 HZ - MAX</b>                               | 690 V                                                                                                                                                                  |
| <b>OPERATING VOLTAGE AT</b>                                                   | 24 V                                                                                                                                                                   |

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**AC, 60 HZ - MIN**

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**OPERATING VOLTAGE AT**  
**AC, 60 HZ - MAX**      690 V

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**PROJECT NAME:**

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**PROJECT NUMBER:**

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**PREPARED BY:**

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