## Eaton 277018

Eaton Moeller® series DILM Contactor, 3 pole, 380 V 400 V 7.5 kW, 1 N/O, RDC 24: 24 - 27 V DC, DC operation, Screw terminals DILM17-10(RDC24)

| PRODUCT NAME            | Eaton Moeller® series<br>DILM contactor  |
|-------------------------|--|
| CATALOG NUMBER          | 277018   |
| PRODUCT<br>LENGTH/DEPTH | 97 mm  |
| PRODUCT HEIGHT          | 85 mm  |
| PRODUCT WIDTH           | 45 mm  |
| PRODUCT WEIGHT          | 0.534 kg   |
| CERTIFICATIONS          | UL 60947-4-1 UL CSA-C22.2 No. 60947-4-1- 14 VDE 0660 IEC/EN 60947 UL Category Control No.: NLDX CSA CSA File No.: 012528 IEC/EN 60947-4-1 CSA Class No.: 2411-03, 3211-04 CE UL File No.: E29096 |
| CATALOG NOTES           | Contacts according to EN 50012   |



| ELECTRICAL CONNECTION TYPE FOR AUXILIARY- AND CONTROL-CURRENT CIRCUIT            | Screw connection   |
|--|--|
| NUMBER OF POLES  | Three-pole   |
| 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<br>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<br>FUNCTION   | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |
| 10.2.2 CORROSION<br>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<br>ULTRA-VIOLET (UV)<br>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<br>IMPACT  | Does not apply, since the entire switchgear needs to be evaluated.   |

| CHARACTERISTIC CURVE       | eaton-contactors-switch-dilm-characteristic-curve.eps  eaton-contactors-switch-dilm-characteristic-curve-002.eps |
|----------------------------|--|
| DECLARATIONS OF CONFORMITY | eaton-contactor-<br>declaration-of-conformity-<br>uk251219en.pdf   |
|                            | IL03407014Z2021_09.pdf   |
|                            | eaton-contactors-contact-<br>dilm-wiring-diagram.eps   |
|                            | eaton-contactors-<br>dimensions-210t014.eps  |

| 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.  |
| 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              | ls the panel builder's responsibility.  |
| 10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS                       | ls the panel builder's responsibility.  |
| 10.9.2 POWER-<br>FREQUENCY ELECTRIC<br>STRENGTH                | ls the panel builder's<br>responsibility.   |
| 10.9.3 IMPULSE<br>WITHSTAND VOLTAGE                            | ls the panel builder's responsibility.  |
| 10.9.4 TESTING OF<br>ENCLOSURES MADE OF<br>INSULATING MATERIAL | ls the panel builder's responsibility.  |
| FITTED WITH:   | Suppressor circuit in actuating electronics   |
| OPERATING FREQUENCY  | 5000 mechanical<br>Operations/h (DC<br>operated)  |
| POLLUTION DEGREE   | 3   |
| CLIMATIC PROOFING  | Damp heat, constant, to<br>IEC 60068-2-78<br>Damp heat, cyclic, to IEC<br>60068-2-30  |
| CONNECTION TO<br>SMARTWIRE-DT                                  | Yes<br>In conjunction with DIL-<br>SWD SmartWire DT<br>contactor module   |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP)                         | 8000 V AC   |
| UTILIZATION CATEGORY   | AC-3: Normal AC induction motors: starting, switch off during running AC-4: Normal AC induction motors: starting, plugging, reversing, inching AC-1: Non-inductive or |

|   | slightly inductive loads, resistance furnaces |
|---|---|
| CONNECTION  | Screw terminals                               |
| FRAME SIZE  | FS2   |
| AMBIENT OPERATING<br>TEMPERATURE - MAX                            | 60 °C   |
| AMBIENT OPERATING<br>TEMPERATURE - MIN                            | -25 °C  |
| AMBIENT OPERATING<br>TEMPERATURE<br>(ENCLOSED) - MAX              | 40 °C   |
| AMBIENT OPERATING<br>TEMPERATURE<br>(ENCLOSED) - MIN              | -25 °C  |
| AMBIENT STORAGE TEMPERATURE - MAX                                 | 80 °C   |
| AMBIENT STORAGE<br>TEMPERATURE - MIN                              | -40 °C  |
| ASSIGNED MOTOR<br>POWER AT 115/120 V, 60<br>HZ, 1-PHASE           | 2 HP  |
| ASSIGNED MOTOR<br>POWER AT 200/208 V, 60<br>HZ, 3-PHASE           | 5 HP  |
| ASSIGNED MOTOR<br>POWER AT 230/240 V, 60<br>HZ, 1-PHASE           | 3 HP  |
| ASSIGNED MOTOR<br>POWER AT 230/240 V, 60<br>HZ, 3-PHASE           | 5 HP  |
| ASSIGNED MOTOR<br>POWER AT 460/480 V, 60<br>HZ, 3-PHASE           | 10 HP   |
| ASSIGNED MOTOR<br>POWER AT 575/600 V, 60<br>HZ, 3-PHASE           | 15 HP   |
| CONVENTIONAL<br>THERMAL CURRENT ITH<br>(1-POLE, ENCLOSED)         | 80 A  |
| CONVENTIONAL<br>THERMAL CURRENT ITH<br>(3-POLE, ENCLOSED)         | 32 A  |
| CONVENTIONAL<br>THERMAL CURRENT ITH<br>AT 55°C (3-POLE, OPEN)     | 37 A  |
| CONVENTIONAL THERMAL CURRENT ITH OF MAIN CONTACTS (1- POLE, OPEN) | 88 A  |

| EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID  | 2.1 W  |
|--|--|
| HEAT DISSIPATION CAPACITY PDISS  | 0 W  |
| HEAT DISSIPATION PER<br>POLE, CURRENT-<br>DEPENDENT PVID   | 0.7 W  |
| SWITCHING TIME (DC<br>OPERATED, MAKE<br>CONTACTS, CLOSING<br>DELAY) - MAX  | 47 ms  |
| SWITCHING TIME (DC<br>OPERATED, MAKE<br>CONTACTS, OPENING<br>DELAY) - MAX  | 30 ms  |
| APPLICATION  | Contactors for Motors  |
| PRODUCT CATEGORY   | Contactors   |
| PROTECTION   | Finger and back-of-hand<br>proof, Protection against<br>direct contact when<br>actuated from front (EN<br>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                 |
| VOLTAGE TYPE   | DC   |
| DEGREE OF PROTECTION   | IP00   |
| NUMBER OF AUXILIARY  |  |
| CONTACTS (NORMALLY CLOSED CONTACTS)  | 0  |
| •  | 1  |
| CLOSED CONTACTS)  NUMBER OF AUXILIARY CONTACTS (NORMALLY   |  |
| CLOSED CONTACTS)  NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)  NUMBER OF CONTACTS (NORMALLY CLOSED) AS   | 1  |
| CLOSED CONTACTS)  NUMBER OF AUXILIARY CONTACTS (NORMALLY OPEN CONTACTS)  NUMBER OF CONTACTS (NORMALLY CLOSED) AS MAIN CONTACT  NUMBER OF CONTACTS (NORMALLY OPEN | 0  |

| POWER CONSUMPTION<br>(PICK-UP) AT DC  | 12 W   |
|---|--|
| POWER CONSUMPTION (SEALING) AT DC   | 0.9 W  |
| RATED BREAKING<br>CAPACITY AT 220/230 V   | 170 A  |
| RATED BREAKING<br>CAPACITY AT 380/400 V   | 170 A  |
| RATED BREAKING<br>CAPACITY AT 500 V   | 170 A  |
| RATED BREAKING<br>CAPACITY AT 660/690 V   | 120 A  |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT AC, 50<br>HZ - MAX  | 0 V  |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT AC, 50<br>HZ - MIN  | 0 V  |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT AC, 60<br>HZ - MAX  | 0 V  |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT AC, 60<br>HZ - MIN  | 0 V  |
|   |  |
| DROP-OUT VOLTAGE  | At least smoothed two-<br>phase bridge rectifier or<br>three-phase rectifier<br>0.6 - 0.15 x UC, DC<br>operated  |
| DROP-OUT VOLTAGE  OVERVOLTAGE CATEGORY  | phase bridge rectifier or<br>three-phase rectifier<br>0.6 - 0.15 x UC, DC  |
| OVERVOLTAGE   | phase bridge rectifier or<br>three-phase rectifier<br>0.6 - 0.15 x UC, DC<br>operated  |
| OVERVOLTAGE<br>CATEGORY   | phase bridge rectifier or<br>three-phase rectifier<br>0.6 - 0.15 x UC, DC<br>operated  |
| OVERVOLTAGE<br>CATEGORY<br>DUTY FACTOR  | phase bridge rectifier or<br>three-phase rectifier<br>0.6 - 0.15 x UC, DC<br>operated  |
| OVERVOLTAGE CATEGORY DUTY FACTOR EMITTED INTERFERENCE INTERFERENCE                                  | phase bridge rectifier or three-phase rectifier 0.6 - 0.15 x UC, DC operated  III  100 %  According to EN 60947-1  |
| OVERVOLTAGE CATEGORY  DUTY FACTOR  EMITTED INTERFERENCE INTERFERENCE IMMUNITY                       | phase bridge rectifier or three-phase rectifier 0.6 - 0.15 x UC, DC operated  III  100 %  According to EN 60947-1  According to EN 60947-1  10,000,000 Operations (DC                                  |
| OVERVOLTAGE CATEGORY  DUTY FACTOR  EMITTED INTERFERENCE INTERFERENCE IMMUNITY  LIFESPAN, MECHANICAL | phase bridge rectifier or three-phase rectifier 0.6 - 0.15 x UC, DC operated  III  100 %  According to EN 60947-1  According to EN 60947-1  10,000,000 Operations (DC operated)  24 - 27 V DC (RDC 24) |

| TERMINAL CAPACITY (STRANDED)                               | 1 x 16 mm², Main cables   |
|--|---|
| SWITCHING CAPACITY<br>(AUXILIARY CONTACTS,<br>GENERAL USE) | 10 A, 600 V AC, (UL/CSA)<br>1 A, 250 V DC, (UL/CSA)   |
| SWITCHING CAPACITY<br>(AUXILIARY CONTACTS,<br>PILOT DUTY)  | A600, AC operated<br>(UL/CSA)<br>P300, DC operated<br>(UL/CSA)  |
| TERMINAL CAPACITY<br>(FLEXIBLE WITH<br>FERRULE)            | 1 x (0.75 - 2.5) mm <sup>2</sup> ,<br>Control 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  |
| SHOCK RESISTANCE   | 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 5.3 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletopmounted, Half-sinusoidal shock 10 ms 6.9 g, N/O main contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 7 g, N/O auxiliary contact, Mechanical, according to IEC/EN 60068-2-27, Half-sinusoidal shock 10 ms 3.5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms 3.5 g, N/C auxiliary contact, Mechanical, according to IEC/EN 60068-2-27 when tabletop-mounted, Half-sinusoidal shock 10 ms |
| TERMINAL CAPACITY<br>(SOLID)                               | 1 x (0.75 - 16) mm², Main<br>cables<br>2 x (0.75 - 2.5) mm²,<br>Control circuit cables<br>1 x (0.75 - 4) mm², Control<br>circuit cables<br>2 x (0.75 - 10) mm², Main<br>cables  |

| TERMINAL CAPACITY<br>(SOLID/STRANDED AWG)                            | 18 - 14, Control circuit<br>cables<br>Single 18 - 6, double 18 - 8,<br>Main cables            |
|--|---|
| SWITCHING CAPACITY<br>(MAIN CONTACTS,<br>GENERAL USE)                | 40 A, Maximum motor rating (UL/CSA)   |
| TIGHTENING TORQUE  | 1.2 Nm, Screw terminals,<br>Control circuit cables<br>3.2 Nm, Screw terminals,<br>Main cables |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT DC -<br>MAX                  | 27 V  |
| RATED CONTROL SUPPLY<br>VOLTAGE (US) AT DC -<br>MIN                  | 24 V  |
| RATED INSULATION<br>VOLTAGE (UI)                                     | 690 V   |
| RATED MAKING<br>CAPACITY UP TO 690 V<br>(COS PHI TO IEC/EN<br>60947) | 238 A   |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-1,<br>380 V, 400 V, 415 V    | 40 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-3,<br>220 V, 230 V, 240 V    | 18 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-3,<br>380 V, 400 V, 415 V    | 18 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-3,<br>440 V                  | 18 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-3,<br>500 V                  | 18 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-3,<br>660 V, 690 V           | 12 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-4,<br>220 V, 230 V, 240 V    | 10 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-4,<br>400 V                  | 10 A  |
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-4,<br>440 V                  | 10 A  |

| RATED OPERATIONAL<br>CURRENT (IE) AT AC-4,<br>500 V                 | 10 A   |
|---|--------|
| RATED OPERATIONAL<br>CURRENT (IE) AT AC-4,<br>660 V, 690 V          | 8 A    |
| RATED OPERATIONAL<br>CURRENT (IE) AT DC-1,<br>110 V                 | 35 A   |
| RATED OPERATIONAL<br>CURRENT (IE) AT DC-1,<br>220 V                 | 35 A   |
| RATED OPERATIONAL<br>CURRENT (IE) AT DC-1, 60<br>V                  | 35 A   |
| RATED OPERATIONAL<br>CURRENT FOR SPECIFIED<br>HEAT DISSIPATION (IN) | 18 A   |
| RATED OPERATIONAL<br>POWER AT AC-3, 240 V, 50<br>HZ                 | 5.5 kW |
| RATED OPERATIONAL<br>POWER AT AC-3, 380/400<br>V, 50 HZ             | 7.5 kW |
| RATED OPERATIONAL<br>POWER AT AC-3, 415 V, 50<br>HZ                 | 10 kW  |
| RATED OPERATIONAL<br>POWER AT AC-4, 220/230<br>V, 50 HZ             | 2.5 kW |
| RATED OPERATIONAL<br>POWER AT AC-4, 240 V, 50<br>HZ                 | 3 kW   |
| RATED OPERATIONAL<br>POWER AT AC-4, 380/400<br>V, 50 HZ             | 4.5 kW |
| RATED OPERATIONAL<br>POWER AT AC-4, 415 V, 50<br>HZ                 | 5 kW   |
| RATED OPERATIONAL<br>POWER AT AC-4, 440 V, 50<br>HZ                 | 5.5 kW |
| RATED OPERATIONAL<br>POWER AT AC-4, 500 V, 50<br>HZ                 | 6 kW   |
| RATED OPERATIONAL<br>POWER AT AC-4, 660/690<br>V, 50 HZ             | 6.5 kW |
| RATED OPERATIONAL POWER (NEMA)                                      | 7.4 kW |
|   |        |

| RATED OPERATIONAL<br>VOLTAGE (UE) AT AC -<br>MAX                        | 690 V   |
|---|---|
| RESISTANCE PER POLE   | 2.7 mΩ  |
| STATIC HEAT<br>DISSIPATION, NON-<br>CURRENT-DEPENDENT<br>PVS            | 0.9 W   |
| STRIPPING LENGTH<br>(CONTROL CIRCUIT<br>CABLE)                          | 10 mm   |
| STRIPPING LENGTH<br>(MAIN CABLE)  | 10 mm   |
| SHORT-CIRCUIT CURRENT<br>RATING (BASIC RATING)                          | 125 A, max. Fuse, SCCR<br>(UL/CSA)<br>125 A, max. CB, SCCR<br>(UL/CSA)<br>5 kA, SCCR (UL/CSA)   |
| SHORT-CIRCUIT CURRENT<br>RATING (HIGH FAULT AT<br>480 V)                | 125/70 A, Class J, max.<br>Fuse, SCCR (UL/CSA)<br>50/32 A, max. CB, SCCR<br>(UL/CSA)<br>10/100 kA, Fuse, SCCR<br>(UL/CSA)<br>10/65 kA, CB, SCCR<br>(UL/CSA) |
| SHORT-CIRCUIT CURRENT<br>RATING (HIGH FAULT AT<br>600 V)                | 125/70 A, Class J, max.<br>Fuse, SCCR (UL/CSA)<br>10/22 kA, CB, SCCR<br>(UL/CSA)<br>10/100 kA, Fuse, SCCR<br>(UL/CSA)<br>50/32 A, max. CB, SCCR<br>(UL/CSA) |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 1 COORDINATION) AT 400 V          | 63 A gG/gL  |
| SUITABLE FOR  | Also motors with efficiency class IE3   |
| SHORT-CIRCUIT<br>PROTECTION RATING<br>(TYPE 1 COORDINATION)<br>AT 690 V | 50 A gG/gL  |
| SHORT-CIRCUIT PROTECTION RATING (TYPE 2 COORDINATION) AT 400 V          | 35 A gG/gL  |
| SHORT-CIRCUIT<br>PROTECTION RATING<br>(TYPE 2 COORDINATION)<br>AT 690 V | 35 A gG/gL  |
|   |   |

| SPECIAL PURPOSE RATING OF BALLAST ELECTRICAL DISCHARGE LAMPS  | 40 A (480V 60Hz 3phase,<br>277V 60Hz 1phase)<br>40 A (600V 60Hz 3phase,<br>347V 60Hz 1phase)  |
|---|---|
| SPECIAL PURPOSE RATING OF DEFINITE PURPOSE RATING             | 18 A, FLA 480 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA)<br>108 A, LRA 480 V 60 Hz 3-<br>ph, 100,000 cycles acc. to<br>UL 1995, (UL/CSA)   |
| SPECIAL PURPOSE RATING OF ELEVATOR CONTROL                    | 9.6 A, 240 V 60 Hz 3-ph, (UL/CSA) 10 HP, 600 V 60 Hz 3-ph, (UL/CSA) 11 A, 200 V 60 Hz 3-ph, (UL/CSA) 3 HP, 200 V 60 Hz 3-ph, (UL/CSA) 11 A, 480 V 60 Hz 3-ph, (UL/CSA) 7.5 HP, 480 V 60 Hz 3-ph, (UL/CSA) 11 A, 600 V 60 Hz 3-ph, (UL/CSA) 3 HP, 240 V 60 Hz 3-ph, (UL/CSA) |
| SPECIAL PURPOSE RATING OF REFRIGERATION CONTROL (CSA ONLY)    | 40 A, FLA 480 V 60 Hz<br>3phase; (CSA)<br>180 A, LRA 600 V 60 Hz<br>3phase; (CSA)<br>30 A, FLA 600 V 60 Hz<br>3phase; (CSA)<br>240 A, LRA 480 V 60 Hz<br>3phase; (CSA)  |
| SPECIAL PURPOSE RATING OF RESISTANCE AIR HEATING              | 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)  |
| SPECIAL PURPOSE<br>RATING OF TUNGSTEN<br>INCANDESCENT LAMPS   | 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)  |
| CONVENTIONAL<br>THERMAL CURRENT ITH<br>AT 40°C (3-POLE, OPEN) | 40 A  |
| CONVENTIONAL<br>THERMAL CURRENT ITH<br>AT 50°C (3-POLE, OPEN) | 38 A  |
| CONVENTIONAL  | 35 A  |
|   |   |

## THERMAL CURRENT ITH AT 60°C (3-POLE, OPEN)

**RATED OPERATIONAL** 

**POWER AT AC-3, 440 V, 50** 10.5 kW

ΗZ

**RATED OPERATIONAL** 

**POWER AT AC-3, 500 V, 50** 12 kW

HZ

**RATED OPERATIONAL** 

**POWER AT AC-3, 690 V, 50** 11 kW

ΗZ

| ACTUATING VOLTAGE | RDC 24: 24 - 27 V DC |
|-------------------|----------------------|

ALTITUDE Max. 2000 m

**OPERATING VOLTAGE AT AC, 50 HZ - MIN** 

24 V

**OPERATING VOLTAGE AT** 

690 V

**OPERATING VOLTAGE AT** 

**AC, 60 HZ - MIN** 

**AC, 50 HZ - MAX** 

24 V

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

690 V

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



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