

## Eaton EP-400893

Eaton Moeller® series P1 Auxiliary contact, 1 N/O, 1 N/C, For use with P1, P3, Flush mounting

|                                 |                                                                                                                                                                                 |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                 |                                                                                                                                                                                 |
| <b>PRODUCT NAME</b>             | Eaton Moeller® series P1<br>Accessory Auxiliary<br>contact                                                                                                                      |
| <b>CATALOG NUMBER</b>           | EP-400893                                                                                                                                                                       |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 41 mm                                                                                                                                                                           |
| <b>PRODUCT HEIGHT</b>           | 83 mm                                                                                                                                                                           |
| <b>PRODUCT WIDTH</b>            | 15 mm                                                                                                                                                                           |
| <b>PRODUCT WEIGHT</b>           | 0.04 kg                                                                                                                                                                         |
| <b>CERTIFICATIONS</b>           | UL<br>IEC/EN 60947-5<br>UL Category Control No.:<br>NLRV<br>CSA-C22.2 No. 14-05<br>CSA File No.: 012528<br>CSA<br>CSA Class No.: 3211-05<br>UL File No.: E36332<br>CE<br>UL 508 |

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| <b>USED WITH</b>                                                                        | P1<br>P3                                                                                                                         |
| <b>TYPE</b>                                                                             | Auxiliary contact                                                                                                                |
| <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.                                                                                       |



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| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                  | Does not apply, since the entire switchgear needs to 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>ELECTRIC CONNECTION TYPE</b>                                 | Screw connection                                                   |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                      | 50 °C                                                              |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                      | -25 °C                                                             |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>       | 0 W                                                                |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                          | 0 W                                                                |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>        | 0.11 W                                                             |
| <b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>                | 0                                                                  |
| <b>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>            | 1                                                                  |
| <b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>              | 1                                                                  |
| <b>NUMBER OF SWITCHES (FAULT SIGNAL)</b>                        | 0                                                                  |

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| <b>MOUNTING POSITION</b>                                             | Right side<br>Left side                                                                                              |
| <b>MOUNTING METHOD</b>                                               | Side mounting                                                                                                        |
| <b>CONTROL CIRCUIT RELIABILITY</b>                                   | 1 failure per 100,000 switching operations statistically determined, at 24 V DC, 10 mA)                              |
| <b>MODEL</b>                                                         | Top mounting                                                                                                         |
| <b>LAMP HOLDER</b>                                                   | None                                                                                                                 |
| <b>RATED OPERATIONAL CURRENT (IE)</b>                                | 0.55 A at DC-13, 250 V                                                                                               |
| <b>RATED UNINTERRUPTED CURRENT (IU)</b>                              | 10 A                                                                                                                 |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0 W                                                                                                                  |
| <b>STRIPPING LENGTH (MAIN CABLE)</b>                                 | 7.5 mm                                                                                                               |
| <b>PRODUCT CATEGORY</b>                                              | Accessories                                                                                                          |
| <b>SHORT-CIRCUIT PROTECTION RATING</b>                               | Max. 10 A gG/gL, Fuse, Auxiliary contacts                                                                            |
| <b>RATED INSULATION VOLTAGE (UI)</b>                                 | 690 V                                                                                                                |
| <b>RATED OPERATIONAL CURRENT (IE) AT AC-15, 220 V, 230 V, 240 V</b>  | 6 A                                                                                                                  |
| <b>RATED OPERATIONAL CURRENT (IE) AT DC-13, 125 V</b>                | 1.1 A                                                                                                                |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 6 A                                                                                                                  |
| <b>TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)</b>                     | 1 x (0.75 - 2.5) mm <sup>2</sup> , ferrules to DIN 46228<br>2 x (0.75 - 2.5) mm <sup>2</sup> , ferrules to DIN 46228 |
| <b>TERMINAL CAPACITY (SOLID)</b>                                     | 2 x (0.75 - 2.5) mm <sup>2</sup><br>1 x (0.75 - 2.5) mm <sup>2</sup>                                                 |
| <b>TIGHTENING TORQUE</b>                                             | 1.2 Nm, Screw terminals                                                                                              |

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



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