

## P3, 63 A, surface mounting

Part no. P3-63/I3  
207351

| <b>General specifications</b>  |   |
|--|---|
| Product name   | Eaton Moeller® series P3 On-Off switch                              |
| Part no.   | P3-63/I3  |
| EAN  | 4015082073510   |
| Product Length/Depth   | 152 millimetre  |
| Product height   | 222 millimetre  |
| Product width  | 120 millimetre  |
| Product weight   | 0.918 kilogram  |
| Compliances  | CE  |
| Product Tradename  | P3  |
| Product Type   | On-Off switch   |
| Product Sub Type   | None  |
| <b>Features &amp; Functions</b>  |   |
| Fitted with:   | Black thumb grip and front plate                                    |
| Number of poles  | 3   |
| <b>General information</b>   |   |
| Accessories  | Auxiliary contact or neutral conductor fitted by user.              |
| Degree of protection   | NEMA 12   |
| Degree of protection (front side)  | IP65  |
| Mounting method  | Surface mounting  |
| Suitable for   | Ground mounting   |
| <b>Electrical rating</b>   |   |
| Rated operational power at AC-3, 380/400 V, 50 Hz                                | 30 kW   |
| Rated operational power at AC-23A, 400 V, 50 Hz                                  | 37 kW   |
| Rated operational voltage (Ue) at AC - max                                       | 690 V   |
| Rated uninterrupted current (Iu)   | 63 A  |
| Uninterrupted current  | Rated uninterrupted current Iu is specified for max. cross-section. |
| <b>Short-circuit rating</b>  |   |
| Rated conditional short-circuit current (Iq)                                     | 4 kA (Load side)<br>100 kA (Supply side)                            |
| Rated short-time withstand current (Icw)   | 1.26 kA   |
| <b>Contacts</b>  |   |
| Number of auxiliary contacts (change-over contacts)                              | 0   |
| Number of auxiliary contacts (normally closed contacts)                          | 0   |
| Number of auxiliary contacts (normally open contacts)                            | 0   |
| <b>Actuator</b>  |   |
| Actuator color   | Black   |
| Actuator type  | Toggle  |
| <b>Design verification</b>   |   |
| 10.2.2 Corrosion 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.                          |
| 10.2.5 Lifting   | Does not apply, since the entire switchgear needs to be evaluated.  |
| 10.2.6 Mechanical impact   | Does not apply, since the entire switchgear needs to be evaluated.  |
| 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        |  |  | 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 |  |  | Is the panel builder's responsibility.   |
| 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 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 function                                |  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |