

# Specifications

Photo is representative

## Eaton 207364

Eaton Moeller® series P3 Safety switch, P3, 63 A, 3 pole, 1 N/O, 1 N/C, STOP function, With black rotary handle and locking ring, Lockable in position 0 with cover interlock, with warning label „safety switch”

### General specifications

|                                 |   |
|---------------------------------|---|
| <b>PRODUCT NAME</b>             | Eaton Moeller® series P3<br>Accessory Insulated<br>enclosure          |
| <b>CATALOG NUMBER</b>           | 207364  |
| <b>MODEL CODE</b>               | P3-63/I4-SI/HI11-SW   |
| <b>EAN</b>                      | 4015082073640   |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 139 mm  |
| <b>PRODUCT HEIGHT</b>           | 180 mm  |
| <b>PRODUCT WIDTH</b>            | 160 mm  |
| <b>PRODUCT WEIGHT</b>           | 1.042 kg  |
| <b>CERTIFICATIONS</b>           | IEC/EN 60947-3<br>IEC/EN 60204<br>IEC/EN 60947<br>VDE 0660            |
| <b>CATALOG NOTES</b>            | Rated Short-time<br>Withstand Current (Icw)<br>for a time of 1 second |
| <b>GLOBAL CATALOG</b>           | 207364  |

## Product specifications

|   |  |
|---|--|
| <b>PRODUCT CATEGORY</b>   | Safety switch  |
| <b>FEATURES</b>   | Version as safety switch   |
| <b>ACTUATOR COLOR</b>   | Black  |
| <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>                                 | UV resistance only in connection with protective shield.   |
| <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 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>FITTED WITH:</b>   | Warning label "Safety switch"<br>Black rotary handle and locking ring          |
| <b>OPERATING FREQUENCY</b>                                      | 1200 Operations/h  |
| <b>POLLUTION DEGREE</b>   | 3  |
| <b>CLIMATIC PROOFING</b>  | Damp heat, cyclic, to IEC 60068-2-30<br>Damp heat, constant, to IEC 60068-2-78 |
| <b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>                   | 6000 V AC  |
| <b>RATED PERMANENT CURRENT AT AC-21, 400 V</b>                  | 63 A   |
| <b>RATED PERMANENT CURRENT AT AC-23, 400 V</b>                  | 63 A   |
| <b>RATED UNINTERRUPTED CURRENT (IU)</b>                         | 63 A   |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>       | 0 W  |
| <b>SWITCHING POWER AT 400 V</b>                                 | 30 kW  |

|  |  |
|--|--|
| <b>VOLTAGE PER CONTACT PAIR IN SERIES</b>                      | 60 V   |
| <b>ACCESSORIES</b>   | Auxiliary contact or neutral conductor fitted by user. |
| <b>RATED OPERATIONAL POWER AT AC-3, 500 V, 50 HZ</b>           | 30 kW  |
| <b>DEVICE CONSTRUCTION</b>                                     | Complete device in housing                             |
| <b>RATED SHORT-TIME WITHSTAND CURRENT (ICW)</b>                | 1.26 kA  |
| <b>ELECTRICAL CONNECTION TYPE OF MAIN CIRCUIT</b>              | Screw connection                                       |
| <b>MOUNTING POSITION</b>                                       | As required  |
| <b>ACTUATOR TYPE</b>   | Door coupling rotary drive                             |
| <b>AMBIENT OPERATING TEMPERATURE - MAX</b>                     | 40 °C  |
| <b>AMBIENT OPERATING TEMPERATURE - MIN</b>                     | -25 °C   |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX</b>          | 40 °C  |
| <b>AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN</b>          | -25 °C   |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>      | 4.5 W  |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                         | 0 W  |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>       | 4.5 W  |
| <b>NUMBER OF AUXILIARY CONTACTS (CHANGE-OVER CONTACTS)</b>     | 0  |
| <b>NUMBER OF AUXILIARY CONTACTS (NORMALLY CLOSED CONTACTS)</b> | 1  |
| <b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>            | 4 kA (Load side)<br>100 kA (Supply side)               |
| <b>OVERVOLTAGE CATEGORY</b>                                    | III  |
| <b>CONTROL CIRCUIT RELIABILITY</b>                             | 1 failure per 100,000 switching operations             |

|  |   |
|--|---|
|  | statistically determined, at<br>24 V DC, 10 mA)   |
| <b>DEGREE OF PROTECTION<br/>(FRONT SIDE)</b>                         | IP65  |
| <b>NUMBER OF POLES</b>   | Three-pole  |
| <b>MOUNTING METHOD</b>   | Surface mounting  |
| <b>DEGREE OF PROTECTION</b>  | NEMA 12   |
| <b>SUITABLE FOR</b>  | Ground mounting   |
| <b>LOCKING FACILITY</b>  | Lockable in the 0 (Off)<br>position (cover interlock)   |
| <b>FUNCTIONS</b>   | STOP function<br>Interlockable  |
| <b>NUMBER OF SWITCHES</b>  | 1   |
| <b>SAFE ISOLATION</b>  | 440 V AC, Between the<br>contacts, According to EN<br>61140   |
| <b>SCREW SIZE</b>  | M5, Terminal screw  |
| <b>SHOCK RESISTANCE</b>  | 15 g, Mechanical,<br>According to IEC/EN<br>60068-2-27, Half-<br>sinusoidal shock 20 ms   |
| <b>LIFESPAN, MECHANICAL</b>  | 100,000 Operations  |
| <b>LOAD RATING</b>   | 2 x I <sub>e</sub> (with intermittent<br>operation class 12, 25 %<br>duty factor)<br>1.6 x I <sub>e</sub> (with intermittent<br>operation class 12, 40 %<br>duty factor)<br>1.3 x I <sub>e</sub> (with intermittent<br>operation class 12, 60 %<br>duty factor)     |
| <b>TERMINAL CAPACITY</b>   | 2 x (1.5 - 6) mm <sup>2</sup> , flexible<br>with ferrules to DIN 46228<br>2 x (2.5 - 10) mm <sup>2</sup> , solid or<br>stranded<br>1 x (1.5 - 25) mm <sup>2</sup> , flexible<br>with ferrules to DIN 46228<br>1 x (2.5 - 35) mm <sup>2</sup> , solid or<br>stranded |
| <b>SAFETY PARAMETER (EN<br/>ISO 13849-1)</b>                         | B10d values as per EN ISO<br>13849-1, table C.1   |
| <b>NUMBER OF AUXILIARY<br/>CONTACTS (NORMALLY<br/>OPEN CONTACTS)</b> | 1   |
| <b>NUMBER OF CONTACTS<br/>IN SERIES AT DC-23A, 120<br/>V</b>         | 3   |
| <b>NUMBER OF CONTACTS<br/>IN SERIES AT DC-23A, 24 V</b>              | 1   |

|  |                            |
|--|----------------------------|
| <b>NUMBER OF CONTACTS<br/>IN SERIES AT DC-23A, 48 V</b>                          | 2                          |
| <b>NUMBER OF CONTACTS<br/>IN SERIES AT DC-23A, 60 V</b>                          | 2                          |
| <b>RATED BREAKING<br/>CAPACITY AT 220/230 V<br/>(COS PHI TO IEC 60947-3)</b>     | 640 A                      |
| <b>RATED BREAKING<br/>CAPACITY AT 400/415 V<br/>(COS PHI TO IEC 60947-3)</b>     | 600 A                      |
| <b>RATED BREAKING<br/>CAPACITY AT 500 V (COS<br/>PHI TO IEC 60947-3)</b>         | 590 A                      |
| <b>RATED BREAKING<br/>CAPACITY AT 660/690 V<br/>(COS PHI TO IEC 60947-3)</b>     | 340 A                      |
| <b>RATED MAKING<br/>CAPACITY UP TO 690 V<br/>(COS PHI TO IEC/EN<br/>60947-3)</b> | 800 A                      |
| <b>RATED OPERATING<br/>VOLTAGE (UE) - MAX</b>                                    | 690 V                      |
| <b>RATED OPERATING<br/>VOLTAGE (UE) - MIN</b>                                    | 690 V                      |
| <b>RATED OPERATIONAL<br/>VOLTAGE (UE) AT AC -<br/>MAX</b>                        | 690 V                      |
| <b>SHORT-CIRCUIT<br/>PROTECTION RATING</b>                                       | 80 A gG/gL, Fuse, Contacts |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-21,<br/>440 V</b>                    | 63 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-23A,<br/>230 V</b>                   | 63 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-23A,<br/>400 V, 415 V</b>            | 63 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-23A,<br/>500 V</b>                   | 63 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-23A,<br/>690 V</b>                   | 63 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>220 V, 230 V, 240 V</b>       | 51 A                       |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>380 V, 400 V, 415 V</b>       | 55 A                       |

|   |  |
|---|--|
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>500 V</b>                              | 44 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT AC-3,<br/>660 V, 690 V</b>                       | 22.1 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-1,<br/>LOAD-BREAK SWITCHES<br/>L/R = 1 MS</b> | 63 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-23A,<br/>120 V</b>                            | 25 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-23A,<br/>24 V</b>                             | 50 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-23A,<br/>48 V</b>                             | 50 A   |
| <b>RATED OPERATIONAL<br/>CURRENT (IE) AT DC-23A,<br/>60 V</b>                             | 50 A   |
| <b>RATED OPERATIONAL<br/>CURRENT FOR SPECIFIED<br/>HEAT DISSIPATION (IN)</b>              | 63 A   |
| <b>RATED OPERATIONAL<br/>POWER AT AC-23A,<br/>220/230 V, 50 HZ</b>                        | 18.5 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-23A, 400 V,<br/>50 HZ</b>                            | 30 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-23A, 500 V,<br/>50 HZ</b>                            | 45 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-23A, 690 V,<br/>50 HZ</b>                            | 55 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 380/400<br/>V, 50 HZ</b>                          | 30 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 415 V, 50<br/>HZ</b>                              | 30 kW  |
| <b>RATED OPERATIONAL<br/>POWER AT AC-3, 690 V, 50<br/>HZ</b>                              | 30 kW  |
| <b>TIGHTENING TORQUE</b>  | 26.5 lb-in, Screw terminals<br>3 Nm, Screw terminals           |
| <b>UNINTERRUPTED<br/>CURRENT</b>  | Rated uninterrupted<br>current I <sub>u</sub> is specified for |

## Resources

### BROCHURES

[Brochure - T Rotary Cam switch and P Switch-disconnector](#)

### CATALOGS

[P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN](#)

[P1-40 Switch-disconnectors](#)

### DECLARATIONS OF CONFORMITY

[DA-DC-00004924.pdf](#) [DA-DC-00004896.pdf](#)

### DRAWINGS

[eaton-rotary-switches-padlock-t0-main-switch-dimensions.eps](#)

[eaton-rotary-switches-p3-main-switch-dimensions-012.eps](#)

[eaton-general-totally-insulated-t0-main-switch-symbol.eps](#)

[eaton-general-switch-t0-main-switch-symbol.eps](#)

[eaton-rotary-switches-t0-main-switch-symbol.eps](#)

[eaton-rotary-switches-p3-safety-3d-drawing.eps](#)

### ECAD MODEL

[ETN.P3-63 I4-SI HI11-SW](#)

### INSTALLATION INSTRUCTIONS

[eaton-rotary-switches-p3-63-p3-80-p3-100-cam-switch-disconnector-p3-instruction-leaflet-il03801010z.pdf](#)

### INSTALLATION VIDEOS

[Eaton's P Switch-disconnectors used in a factory](#)

### MCAD MODEL

[DA-CS-bauform11](#) [DA-CD-bauform11](#)

### PRODUCT NOTIFICATIONS

[MZ008006ZU Orderform Customized Switch.pdf](#)

[MZ008005ZU Orderform Customized Switch.pdf](#)

### SPECIFICATIONS AND DATASHEETS

[Eaton Specification Sheet - 207364](#)

### WIRING DIAGRAMS

[eaton-rotary-switches-contact-p1-main-switch-wiring-diagram.eps](#)



|                 |
|-----------------|
| 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.

