Specifications

Eaton 207337

Catalog Number: 207337

Eaton Moeller® series P3 On-Off switch, P3, 63 A, surface mounting, 3 pole, 1 N/O, 1 N/C, STOP function, With black rotary handle and locking ring, Lockable in the 0 (Off) position

General specifications

Product Name	**Catalog Number**
Eaton Moeller® series P3 Main switch	207337
EAN	**Product Length/Depth**
4015082073374	160 mm
Product Height	**Product Width**
222 mm	120 mm
Product Weight	**Compliances**
0.988 kg	CE

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Product specifications

Product Category

On-Off switch

Features

Version as main switch

Version as maintenance-/service switch

Actuator color

Black

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.

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.

10.2.4 Resistance to ultra-violet (UV) radiation

UV resistance only in connection with protective shield.

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.

Resources

Brochures

Brochure - T Rotary Cam switch and P Switch-disconnector

Catalogs

P Switch-disconnectors and T Rotary cam switches catalogue CA042001EN

Declarations of conformity

DA-DC-00004896.pdf

DA-DC-00004924.pdf

Drawings

eaton-rotary-switches-p3-i3-svb-dimensions-1150dim-197.eps

eaton-rotary-switches-p3-i3-svb-dimensions-1150dim-198.eps

eaton-general-switch-t0-main-switch-symbol.eps

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

Wiring diagrams

eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.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

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.

Fitted with:

Black rotary handle and locking ring

Rated permanent current at AC-21, 400 V

63 A

Rated permanent current at AC-23, 400 V

63 A

Rated uninterrupted current (Iu)

63 A

Switching power at 400 V

30 kW

Accessories

Auxiliary contact or neutral conductor fitted by user.

Device construction

Complete device in housing

Rated short-time withstand current (Icw)

1.26 kA

Electrical connection type of main circuit

Screw connection

Actuator type

Other

Number of auxiliary contacts (change-over contacts)

0

Number of auxiliary contacts (normally closed contacts)

1

Rated conditional short-circuit current (Iq)

4 kA (Load side)

100 kA (Supply side)

Degree of protection (front side)

IP65

Number of poles

3

Mounting method

Surface mounting

Degree of protection

NEMA 12

Suitable for

Ground mounting

Locking facility

Lockable in the 0 (Off) position

Functions

STOP function

Interlockable

Number of switches

1

Number of auxiliary contacts (normally open contacts)

1

Rated operating voltage (Ue) - max

690 V

Rated operating voltage (Ue) - min

690 V

Rated operational voltage (Ue) at AC - max

690 V

Rated operational power at AC-23A, 400 V, 50 Hz

37 kW

Rated operational power at AC-3, 380/400 V, 50 Hz

30 kW

Uninterrupted current

Rated uninterrupted current Iu is specified for max. cross-section.

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