

On-Off switch, P3, 63 A, surface mounting, 3 pole + N, Emergency switching off function, With red rotary handle and yellow locking ring, Lockable in the 0 (Off) position



**Part no. P3-63/I3/SVB/N
207341**

General specifications		
Product name		Eaton Moeller® series P3 Main switch
Part no.		P3-63/I3/SVB/N
EAN		4015082073411
Product Length/Depth		160 millimetre
Product height		222 millimetre
Product width		120 millimetre
Product weight		0.978 kilogram
Compliances		CE
Product Tradename		P3
Product Type		Main switch
Product Sub Type		None
Features & Functions		
Features		Version as emergency stop installation Version as main switch Version as maintenance-/service switch
Fitted with:		Red rotary handle and yellow locking ring
Functions		Emergency switching off function Interlockable
Locking facility		Lockable in the 0 (Off) position
Number of poles		Four-pole
General information		
Accessories		Auxiliary contact fitted by user.
Degree of protection		NEMA 12
Degree of protection (front side)		IP65
Mounting method		Surface mounting
Suitable for		Ground mounting
Electrical rating		
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.
Short-circuit rating		
Rated conditional short-circuit current (Iq)		4 kA (Load side) 100 kA (Supply side)
Rated short-time withstand current (Icw)		1.26 kA
Contacts		
Number of auxiliary contacts (change-over contacts)		0
Number of auxiliary contacts (normally closed contacts)		0
Number of auxiliary contacts (normally open contacts)		0
Actuator		
Actuator color		Red
Actuator type		Other
Design verification		
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.