

Actuator, form XB



Part no. **LS-XB-ZB**
106872

General specifications		
Product name		Eaton Moeller® series LS Actuator
Part no.		LS-XB-ZB
EAN		4015081066353
Product Length/Depth		33 millimetre
Product height		15 millimetre
Product width		30 millimetre
Product weight		0.008 kilogram
Compliances		Contact Manufacturer
Certifications		IEC/EN 60947
Product Tradename		LS
Product Type		Actuator
Product Sub Type		None
Catalog Notes		With the actuator inserted, the N/O contact is open and the NC contact is closed.
General information		
Model		Actuator with horizontal mounting
Operating frequency		1800 Operations/h
Rated impulse withstand voltage (Uimp)		6000 V AC
Repetition accuracy		0.02 mm (Contacts/switching capacity)
Type		Actuator Flat actuator
Ambient conditions, mechanical		
Mounting position		As required
Shock resistance		25 g, Standard-action contact, Mechanical, Half-sinusoidal shock 20 ms
Climatic environmental conditions		
Climatic proofing		Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
Terminal capacities		
Terminal capacity (flexible with ferrule)		1 x (0.5 - 1.5) mm ² 2 x (0.5 - 1.5) mm ²
Terminal capacity (solid)		2 x (0.75 - 1.5) mm ² 1 x (0.75 - 2.5) mm ²
Electrical rating		
Rated insulation voltage (Ui)		500 V
Rated operational current (Ie)		3 A at 24 V 10 A at AC-15, 24 V 6 A at AC-15, 220 V 230 V 240 V 0.8 A at 110 V 0.3 A at 220 V 4 A at AC-15, 380 V 400 V 415 V
Short-circuit protection rating		Max. 6 A gG/gL, Fuse, Contacts
Supply frequency		Max. 400 Hz, Contacts
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		0 W
Heat dissipation per pole, current-dependent Pvid		0 W
Rated operational current for specified heat dissipation (In)		0 A
Static heat dissipation, non-current-dependent Pvs		0 W
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			Please enquire
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			Not applicable.
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.

Technical data ETIM 9.0

Sensors (EG000026) / Actuator for position switch with separate actuator (EC001487)			
Electric engineering, automation, process control engineering / Sensor technology, safety-related sensor technology / Mechanical switch (sensor technology) / Actuator for position switch (ecl@ss13-27-27-06-12 [AFR469008])			
Model			Actuator with horizontal mounting