

Specifications



Eaton 106860

Eaton Moeller® series LS4 Actuator, form XB
LS4-XB

General specifications

PRODUCT NAME	Eaton Moeller® series LS4 Actuator
CATALOG NUMBER	106860
MODEL CODE	LS4-XB
EAN	4015081066209
PRODUCT LENGTH/DEPTH	10 mm
PRODUCT HEIGHT	40 mm
PRODUCT WIDTH	53 mm
PRODUCT WEIGHT	0.022 kg
CERTIFICATIONS	IEC/EN 60947
CATALOG NOTES	With the actuator inserted, the N/O contact is open and the NC contact is closed.
GLOBAL CATALOG	106860
PRODUCT TYPE	Actuator



Powering Business Worldwide

Product specifications

TYPE	• Actuator • Flat actuator
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.
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	Does not apply, since the entire switchgear needs to

Resources

	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
MCAD MODEL	eaton-accessories-mcad-drawings-ls-betaetiger.dwg DA-CS-ls_betaetiger
SALES NOTES	eaton-safety-switches-rs-titan-flyer-fl053001en-en-us.pdf
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 106860

SHOCK	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.
OPERATING FREQUENCY	1800 Operations/h
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	6000 V AC
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
RATED INSULATION VOLTAGE (UI)	500 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
MOUNTING POSITION	As required
REPETITION ACCURACY	0.02 mm (Contacts/switching capacity)
SHOCK RESISTANCE	25 g, Standard-action contact, Mechanical, Half-sinusoidal shock 20 ms
SUPPLY FREQUENCY	Max. 400 Hz, Contacts
MODEL	Standard actuator

RATED OPERATIONAL CURRENT (IE)	10 A at AC-15, 24 V
	3 A at 24 V
	0.8 A at 110 V
	0.3 A at 220 V
	6 A at AC-15, 220 V 230 V 240 V
	4 A at AC-15, 380 V 400 V 415 V
SHORT-CIRCUIT PROTECTION RATING	Max. 6 A gG/gL, Fuse, Contacts
TERMINAL CAPACITY (FLEXIBLE WITH FERRULE)	2 x (0.5 - 1.5) mm ²
	1 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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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