Specifications

Eaton 266163

Eaton Moeller® series LSM Spring-rod actuator, metal

General specifications

PRODUCT NAME	Eaton Moeller® series LSM Spring-rod actuator
CATALOG NUMBER	266163
MODEL CODE	LSM-XS
EAN	4015082661632
PRODUCT LENGTH/DEPTH	25 mm
PRODUCT HEIGHT	120 mm
PRODUCT WIDTH	25 mm
PRODUCT WEIGHT	0.045 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 14 UL 508 CSA CSA File No.: 012528 IEC/EN 60947-5 UL Category Control No.: NKCR UL File No.: E29184 CE CSA Class No.: 3211-03 CSA-C22.2 No. 14 UL
CATALOG NOTES	Up to -25 °C in conjunction with LS-S...-CC basic device

Features & Functions

FEATURES	The operating head can be rotated 90° to enable adaptation to the specified approach direction Only permissible with snap-action contact

General

PRODUCT CATEGORY	Spring-rod actuator
TYPE	Operating heads

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	70 °C

Actuator

ACTUATOR TYPE	Spring-rod

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	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.

Resources

CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DRAWINGS	eaton-position-switches-spring-rod-ls-dimensions.eps eaton-position-switches-spring-rod-lsm-spring-rod-actuator-3d-drawing.eps
ECAD MODEL	ETN.266163.edz
INSTALLATION INSTRUCTIONS	IL053001ZU
MCAD MODEL	ls_xs.stp ls_xs
SALES NOTES	eaton-safety-switches-rs-titan-flyer-fl053001en-en-us.pdf

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.

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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