

Eaton 266163

Catalog Number: 266163

Eaton Moeller® series LSM Spring-rod actuator, metal



General specifications

Product Name	Catalog Number
Eaton Moeller® series LSM Spring-rod actuator	266163
	Model Code
	LSM-XS
EAN	Product Length/Depth
4015082661632	25 mm
Product Height	Product Width
120 mm	25 mm
Product Weight	Compliances
0.045 kg	CE Marked
Certifications	Catalog Notes
EN 60947-5	Up to -25 °C in conjunction with LS-S...-CC basic device
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	

Features & Functions

Features

The operating head can be rotated 90° to enable adaptation to the specified approach direction

Only permissible with snap-action contact

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

General

Product category

Spring-rod actuator

Type

Operating heads

Actuator

Actuator type

Spring-rod

Design verification

Equipment heat dissipation, current-dependent P_{vid}

0 W

Heat dissipation capacity P_{diss}

0 W

Heat dissipation per pole, current-dependent P_{vid}

0 W

Rated operational current for specified heat dissipation (I_n)

0 A

Static heat dissipation, non-current-dependent P_{vs}

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.

Resources

Catalogues

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

Declarations of conformity

[DA-DC-00004160.pdf](#)

[DA-DC-00004133.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](#)

[ls_xs.stp](#)

Sales notes

[eaton-safety-switches-rs-titan-flyer-fl053001en-en-us.pdf](#)



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