

Eaton 266158

Catalog Number: 266158

Eaton Moeller® series LSM Roller plunger, metal

General specifications



Product Name	Catalog Number
Eaton Moeller® series LSM Roller plunger	266158
	Model Code
	LSM-XP
EAN	Product Length/Depth
4015082661588	25 mm
Product Height	Product Width
29 mm	25 mm
Product Weight	Compliances
0.029 kg	CE Marked

Certifications

IEC 60947-5
UL 508
CSA Std. C22.2 No. 14
EN 60947-5
UL Category Control No.: NKCR
CSA
CSA Class No.: 3211-03
CSA-C22.2 No. 14
UL File No.: E29184
CSA File No.: 012528
IEC/EN 60947-5
UL
CE

Features & Functions

Design

EN 50047 Form C

Features

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

Material

Metal

General

Product category

Roller plunger

Type

Operating heads

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Actuator

Actuator type

Roller cam

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

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

Declarations of conformity

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

[DA-DC-00004133.pdf](#)

Drawings

[eaton-position-switches-plunger-ls-dimensions-003.eps](#)

eCAD model

[ETN.266158.edz](#)

Installation instructions

[IL053001ZU](#)

mCAD model

[ls_xp.stp](#)

[ls_xp](#)

Sales notes

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



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