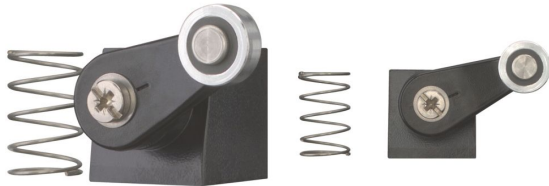


# Specifications



## Eaton 266159

Eaton Moeller® series LSM Rotary lever, metal

### General specifications

|                             |                                                                                                                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series LSM Rotary lever                                                                                                                                                                                          |
| <b>CATALOG NUMBER</b>       | 266159                                                                                                                                                                                                                          |
| <b>MODEL CODE</b>           | LSM-XRL                                                                                                                                                                                                                         |
| <b>EAN</b>                  | 4015082661595                                                                                                                                                                                                                   |
| <b>PRODUCT LENGTH/DEPTH</b> | 25 mm                                                                                                                                                                                                                           |
| <b>PRODUCT HEIGHT</b>       | 49 mm                                                                                                                                                                                                                           |
| <b>PRODUCT WIDTH</b>        | 46 mm                                                                                                                                                                                                                           |
| <b>PRODUCT WEIGHT</b>       | 0.052 kg                                                                                                                                                                                                                        |
| <b>COMPLIANCES</b>          | CE Marked                                                                                                                                                                                                                       |
| <b>CERTIFICATIONS</b>       | EN 60947-5<br>IEC 60947-5<br>CSA Std. C22.2 No. 14<br>UL 508<br>CE<br>CSA File No.: 012528<br>UL Category Control No.: NKCR<br>CSA<br>CSA Class No.: 3211-03<br>UL<br>CSA-C22.2 No. 14<br>IEC/EN 60947-5<br>UL File No.: E29184 |

# Actuator

## ACTUATOR TYPE

Rotary lever

# Climatic environmental conditions

## AMBIENT OPERATING TEMPERATURE - MAX

70 °C

## AMBIENT OPERATING TEMPERATURE - MIN

-25 °C

## Design verification

|                                                                                         |                                                                                                          |
|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>10.10 TEMPERATURE RISE</b>                                                           | Not applicable.                                                                                          |
| <b>10.11 SHORT-CIRCUIT RATING</b>                                                       | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>                                              | Is the panel builder's responsibility. The specifications for the switchgear must be observed.           |
| <b>10.13 MECHANICAL FUNCTION</b>                                                        | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                                                               |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                                                               |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                                                               |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                                                               |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Please enquire                                                                                           |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                                                               |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                                                               |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                           | Does not apply, since the entire switchgear needs to be evaluated.                                       |
| <b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>                           | Does not apply, since the entire switchgear needs to be evaluated.                                       |

## Features & functions

|                 |                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------|
| <b>DESIGN</b>   | EN 50047 Form A                                                                                |
| <b>FEATURES</b> | The operating head can be rotated 90° to enable adaptation to the specified approach direction |
| <b>MATERIAL</b> | Metal                                                                                          |

|                                                                      |                                        |
|----------------------------------------------------------------------|----------------------------------------|
| <b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>             | Is the panel builder's responsibility. |
| <b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>                      | Is the panel builder's responsibility. |
| <b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>                      | Is the panel builder's responsibility. |
| <b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>                              | Is the panel builder's responsibility. |
| <b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>      | Is the panel builder's responsibility. |
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>            | 0 W                                    |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                               | 0 W                                    |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>             | 0 W                                    |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b> | 0 A                                    |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>            | 0 W                                    |

## General information

|                         |                 |
|-------------------------|-----------------|
| <b>PRODUCT CATEGORY</b> | Rotary lever    |
| <b>TYPE</b>             | Operating heads |

## Resources

|                            |                                                                                                          |
|----------------------------|----------------------------------------------------------------------------------------------------------|
|                            | <a href="#">eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf</a>                   |
| CATALOGUES                 | <a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a> |
| DECLARATIONS OF CONFORMITY | <a href="#">eaton-position-switch-declaration-of-conformity-eu251556en.pdf</a>                           |
| DRAWINGS                   | <a href="#">eaton-position-switches-rotary-handle-ls-dimensions.eps</a>                                  |
| ECAD MODEL                 | <a href="#">ETN.266159.edz</a>                                                                           |
| INSTALLATION INSTRUCTIONS  | <a href="#">IL053001ZU</a>                                                                               |
| MCAD MODEL                 | <a href="#">DA-CS-ls_xrl</a>                                                                             |

|             |                                                                           |
|-------------|---------------------------------------------------------------------------|
|             | <a href="#">eaton-limit-switch-accessories-mcad-drawings-ls-xrl.dwg</a>   |
| SALES NOTES | <a href="#">eaton-safety-switches-rs-titan-flyer-fl053001en-en-us.pdf</a> |

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**

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