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Worldwide English



LS-XLB - Roller lever, large



290178 LS-XLB

[Overview](#) [Specifications](#) [Resources](#)



290178 LS-XLB

Roller lever, large

Alternate Catalog No.

EL-Nummer (Norway)

LS-XLB

4356168

Operating head for LS-Titan position switch, IEC EN 60947-5-1, high degree of protection IP66, device for world markets, modular system, easy mounting technology operating heads can be attached in any 4 directions and snapped on simple, quick and safely using the bayonet fitting.

- [Delivery program](#)

Design verification as per
IEC/EN 61439

- [Technical data ETIM 7.0](#)

- [Approvals](#)

- [Dimensions](#)

Delivery program

Basic function

Operating heads

Part group reference

LS(M)-...

Product range

Roller lever

Design

EN 50047 Form E

Description

Large

For use with

Basic devices LS(M)...

Notes

The operating head can be rotated at 90° intervals to adapt to the specified approach direction.

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

0 A

Heat dissipation per pole, current-dependent [P_{id}]

0 W

Equipment heat dissipation, current-dependent [P_{id}]

0 W

Static heat dissipation, non-current-dependent [P_s]

0 W
Heat dissipation capacity [P_{diss}]
0 W
Operating ambient temperature min.
-40 °C
Operating ambient temperature max.
+70 °C
IEC/EN 61439 design verification
10.2 Strength of materials and parts 10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects
Meets the product standard's requirements.
10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
Please enquire
10.2 Strength of materials and parts 10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts 10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties 10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties 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.

Technical data ETIM 7.0

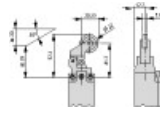
Sensors (EG000026) / Drive head for position switches/hinge switches (EC001483)
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Drive head for position switches (ecl@ss10.0.1-27-27-06-04 [BAA083012])
Type of control element
Roller lever

Approvals

Product Standards
IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14; CE marking
UL File No.
E29184
UL Category Control No.
NKCR
CSA File No.
12528

CSA Class No.
3211-03
North America Certification
UL listed, CSA certified

Dimensions



CAD data

- Product-specific CAD data
(Web)
- 3D Preview
(Web)

DWG files

- [DA-CD-Is_xlb](#)
File
(Web)

Step files

- DA-CS-Is_xlb
File
(Web)

3D drawing



131182

Line drawing
Roller lever

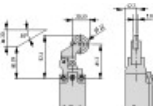
Product photo



1310PIC-56

Photo
Big roller lever

Dimensions single product



1310DIM-4

Line drawing
Big roller lever

Instruction Leaflet

- Position switch LS-Titan: Basic unit LS(M) (IL053001ZU)
Asset
(PDF, 07/2021, multilingual)

Declaration of Conformity

Declaration of Conformity

EU

- [Limit switch LS-Titan \(DA-DC-00003472\)](#)
Asset
(PDF)

UK

- [Limit switch LS-Titan \(DA-DC-00003963\)](#)
Asset
(PDF)

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