

## Roller lever, short

**Part no.**                    **LS-XLS**  
**290177**

**EL Number**                **4356167**  
**(Norway)**

General specifications		
Product name		Eaton Moeller® series LS Roller lever
Part no.		LS-XLS
EAN		4015082901776
Product Length/Depth		33.5 millimetre
Product height		32 millimetre
Product width		31 millimetre
Product weight		0.005 kilogram
Compliances		Contact Manufacturer
Certifications		CSA File No.: 012528 CSA CSA Class No.: 3211-03 IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14 UL CE UL Category Control No.: NKCR UL File No.: E29184
Product Tradename		LS
Product Type		Roller lever
Product Sub Type		None
Catalog Notes		Short
Features & Functions		
Design		EN 50047 Form E
Features		The operating head can be rotated 90° to enable adaptation to the specified approach direction
General information		
Product category		Roller lever
Type		Operating heads
Climatic environmental conditions		
Ambient operating temperature - min		-40 °C
Ambient operating temperature - max		70 °C
Actuator		
Actuator type		Roller lever
Design verification		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		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.
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.

## Technical data ETIM 9.0

Sensors (EG000026) / Drive head for position switches/hinge switches (EC001483)		
Electric engineering, automation, process control engineering / Sensor technology, safety-related sensor technology / Mechanical switch (sensor technology) / Drive head for position switches (ecl@ss13-27-27-06-04 [BAA083017])		
Type of control element		Roller lever