

Compensating actuator, flat

Part no. **LS-XNG-ZBZ**
106834
EL Number **4356187**
(Norway)

Product name	Eaton Moeller® series LS Compensating actuator
Part no.	LS-XNG-ZBZ
EAN	4015081065943
Product Length/Depth	42 millimetre
Product height	88 millimetre
Product width	31 millimetre
Product weight	0.052 kilogram
Compliances	CE Marked
Certifications	UL 508 IEC 60947-5 CSA Std. C22.2 No. 14 EN 60947-5 IEC/EN 60947 CE CSA File No.: 012528 UL Category Control No.: NKCR IEC/EN 60947-5 CSA-C22.2 No. 14 CSA Class No.: 3211-03 CSA UL File No.: E29184 UL
Product Tradename	LS
Product Type	Compensating actuator
Product Sub Type	None
Fitted with:	Increased tolerance in closing direction
Functions	For combination with LS-...ZBZ/X basic devices
Material	Stainless steel
Duty factor	100 %
Model	Actuator with horizontal mounting
Operating frequency	800 Operations/h
Overvoltage category	III
Pollution degree	3
Rated impulse withstand voltage (Uimp)	4000 V AC
Repetition accuracy	0.02 mm (Contacts/switching capacity)
Type	Actuator Flat compensating actuator
Mounting position	As required
Shock resistance	10 g, Standard-action contact, Mechanical, Half-Sinusoidal shock 20 ms
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	40 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Terminal capacity (flexible with ferrule)	1 x (0.5 - 1.5) mm ² 2 x (0.5 - 1.5) mm ²
Terminal capacity (solid)	1 x (0.75 - 2.5) mm ² 2 x (0.75 - 1.5) mm ²
Power consumption	8 VA at 120 V AC (electromechanical actuation)

			8 W at 24 V DC (electromechanical actuation)
Rated insulation voltage (Ui)			400 V
Rated operational current (Ie)			0.3 A at 220 V 6 A at AC-15, 220 V 230 V 240 V 3 A at 24 V 0.8 A at 110 V 6 A at AC-15, 24 V 4 A at AC-15, 380 V 400 V 415 V
Short-circuit protection rating			Max. 6 A gG/gL, Fuse, Contacts
Supply frequency			Max. 400 Hz, Contacts
Voltage tolerance			0.85 x Us, Pick-up and drop-out values 1.1 x Us, Pick-up and drop-out values
Mechanical holding force			1700 N (according to GS-ET-19 (04/2004), XG, XW, XNG) 1600 N (according to GS-ET-19 (04/2004), XWA, XFG, XF) 1200 N (according to GS-ET-19 (04/2004), XNW)
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 8.0

Sensors (EG000026) / Actuator for position switch with separate actuator (EC001487)			
Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Actuator for position switch with separate actuator (ecl@ss10.0.1-27-06-05 [BAA078012])			
Model			Actuator with horizontal mounting