



LIGHTXCROSS LX[®]
GEARED CAM LIMIT SWITCHES



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Stromag Geared Cam Limit Switches

AT A GLANCE



STROMAG LIGHTXCROSS® LX

BENEFITS INCLUDE

- Position shown in display and by lever marking
- Without mechanical end stop
- Positive opening contacts

Stromag Geared Cam Limit Switches

Cross Lever Limit Switch

Series LightXcross LX® – Cross Lever Limit Switch

Revision number: 3.1.5.1-01

Revision date: 19.11.2019

Features

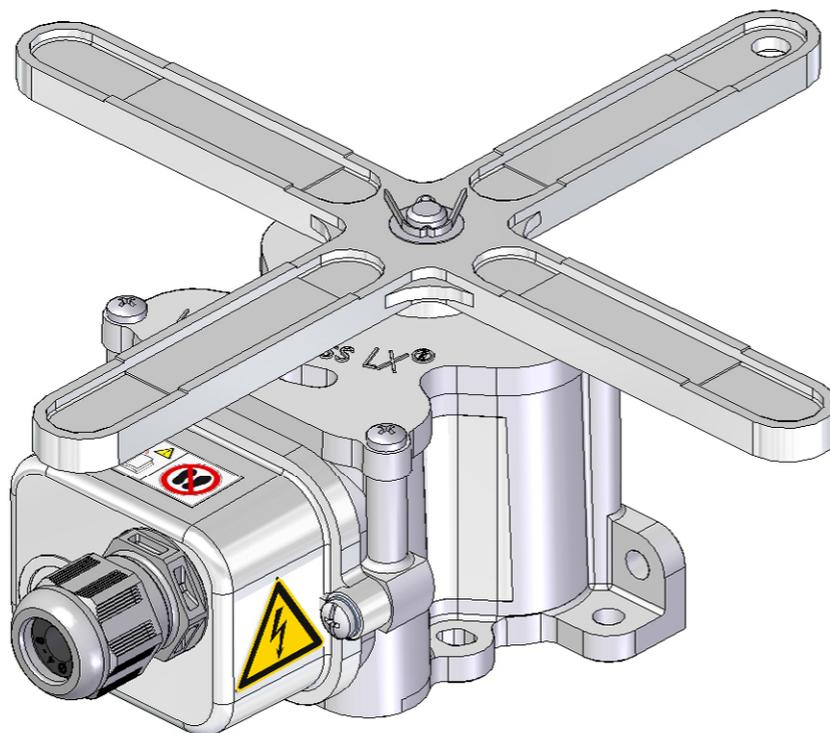
- Five positions, separate contact each for pre- and end stops in both directions
- Actuation via positive connections
- 4 Positive opening contacts

Application

- Cross and long travel for EOT cranes

Additional information

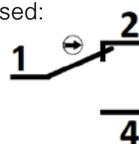
- Position shown on display and by lever marking
- Without mechanical end stop
- Silver contacts, gold plated optional



Contact	Intended purpose	Rotation direction
S1	Emergency stop	ccw
S2	Working stop	ccw
S3	Working stop	cw
S4	Emergency stop	cw

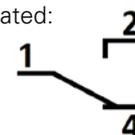
Contact released:

1-2 closed



Contact actuated:

1-2 opened



Switch setting / position (rotation direction)					
Contact	1. / +180° (ccw)	2. / +90° (ccw)	3. / 0° (Neutral)	4. / -90° (cw)	5. / -180° (cw)
S1	1-2 opened	1-2 closed			
S2	1-2 opened		1-2 closed		
S3	1-2 closed			1-2 opened	
S4	1-2 closed				1-2 opened

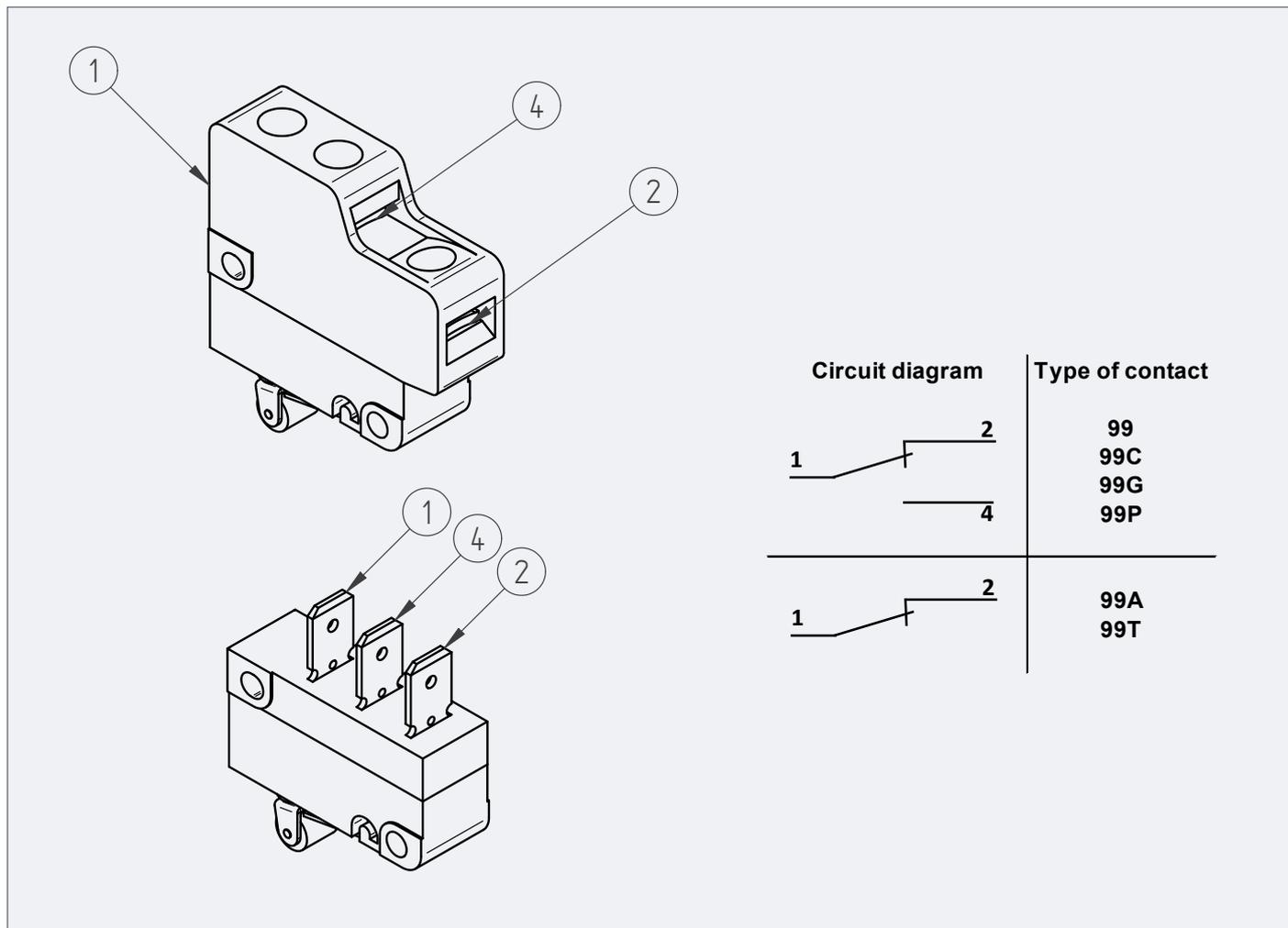
Stromag Geared Cam Limit Switches

Cross Lever Limit Switch

Series LightXcross LX® – Available Switches

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Switching contact		Contact material		Switching system		Connection		Functionality		Electrical data			
Designation	Circuit as a changeover	Circuit as an NC contact	Silver	Gold (PLC-Application)	Snap action switch	Push action switch	Screw terminals; 0,5 - 1,5 mm ² /AWG 22 ... 16	Flat plugs 6.3 mm	Positive opening acc. to EN 60947-5-1 Annex K	Short circuit protection	Utilization category acc. to IEC 60947	Conventional thermal current I _{th}	Rated Insulation Voltage U _i
99	•		•		•		•		•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99G	•			•	•		•		•	2A gR	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99P	•		•		•		•		•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99T		•	•			•	•		•	10A gG	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V
99A		•		•		•	•		•	2A gR	AC-15: 230V, 1,5A DC-13: 60V, 0,5A oder 24V, 2,0A	10A	250V

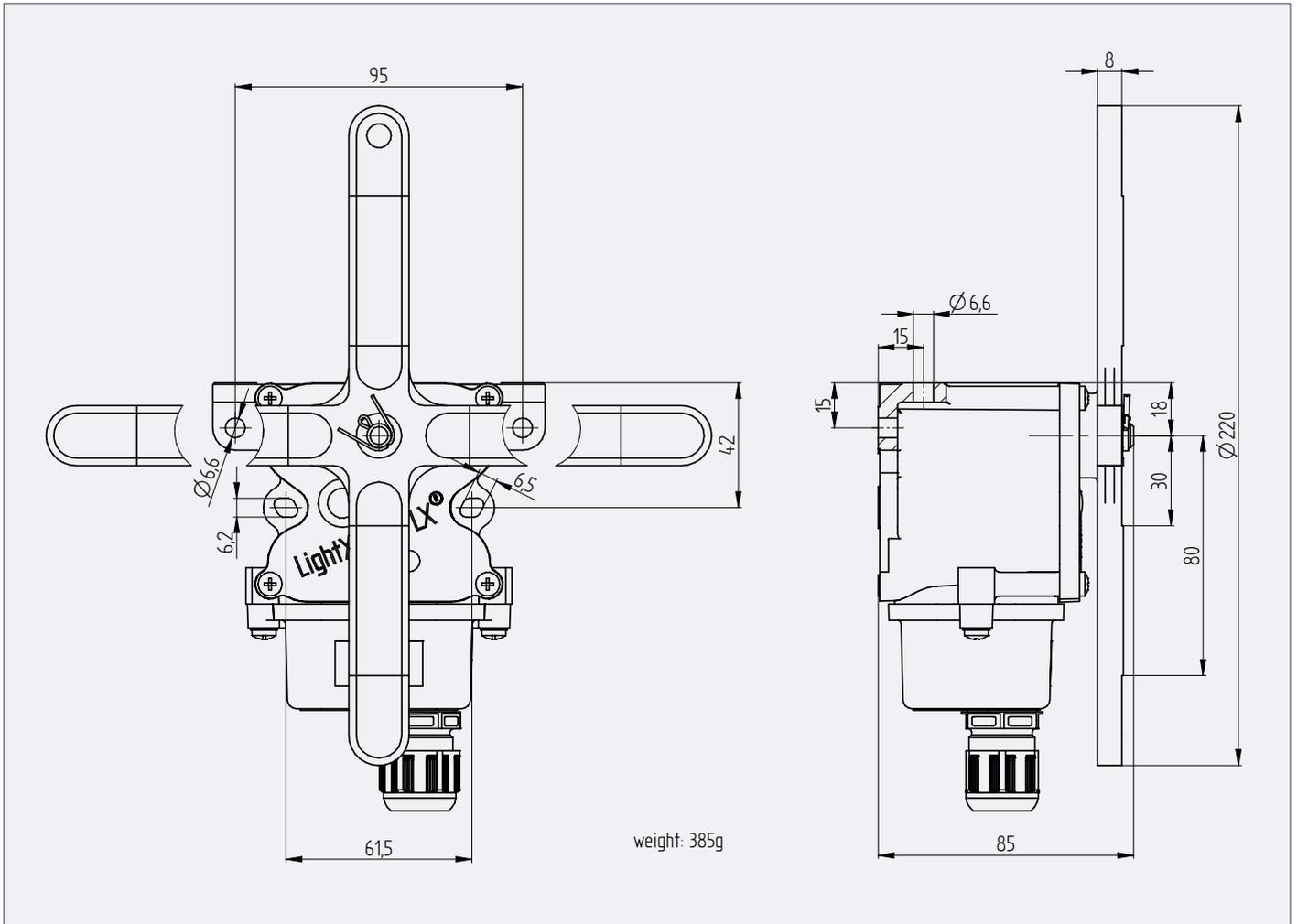
Stromag Geared Cam Limit Switches

Cross Lever Limit Switch

Series LightXcross LX® – Dimensions

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