

# Technical Data

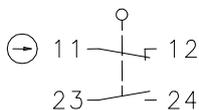
## Plastic bodied limit switch

### Series C2

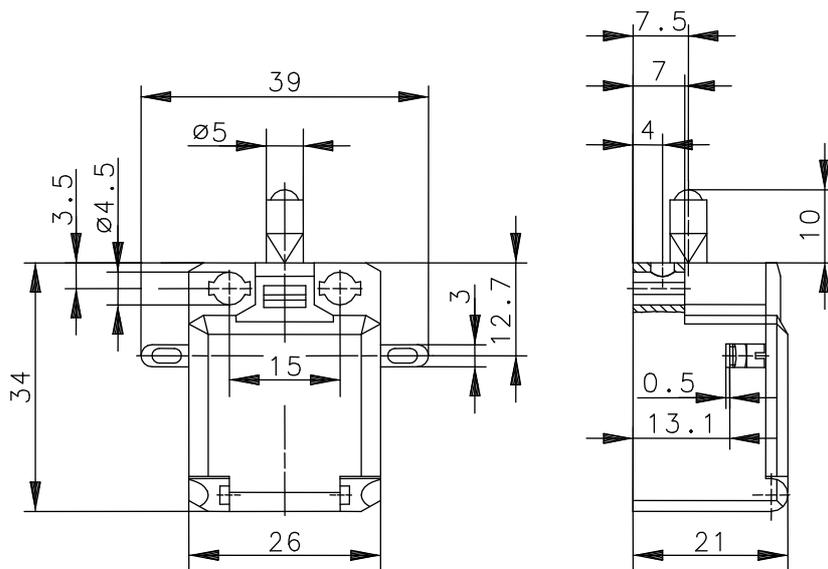
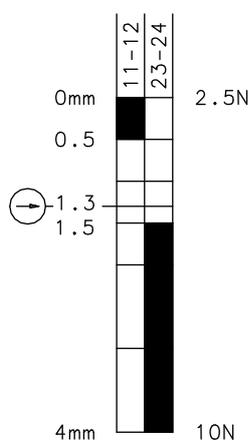
Description **C2-U1Z M. LÖTÖSEN O.M.**

Article number **6108701003**

Operating symbol



Operating diagram



  Tolerance:  
 Operating point  $\pm 0,25\text{mm}$ ;  
 On Off Actuating force:  $\pm 10\%$

### Electrical data

Rated insulation voltage	$U_i$	250 V AC
Conv. thermal current	$I_{the}$	10 A
Rated operational voltage	$U_e$	240 V
Utilization category		A300, AC-15, $U_e/I_e$ 240 V/3 A
Positive opening NC contact		acc. to IEC/EN 60947-5-1, Annex K
Short-circuit protective device		Fuse 6A gG

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# Technical Data

## Plastic bodied limit switch

<b>Mechanical data</b>	
Enclosure	Thermoplastic, glass fibre reinforced (UL 94-V0)
Cover	Thermoplastic (UL 94-V0)
Actuator	Push bolt (St)
Ambient air temperature	-30 °C/+ 80 °C
Contact type	1 NC, 1 NO (Zb)
Mechanical life	3 x 10 <sup>6</sup> switching cycles
Switching frequency	≤ 100/min
Assembly	2 x M4
Connection	4 screw connections (M3,5) and 11 – 12 with solder lugs
Conductor cross-sections	Solid: 0.5 - 1.5mm <sup>2</sup> Litz wire with ferrules: 0.5 - 1.5mm <sup>2</sup>
Cable entrance	Rectangle 8,5 x 3,5mm
Weight	≈ 0,02kg
Installation position	Operator definable
Protection type	IP00 acc. to EN 60529; DIN VDE 0470 T1
<b>Actuation</b>	
The push bolt actuator is mainly intended to be actuated along it's axis. Side actuation will considerably reduce switch life. The switch may not be used as a mechanical stop.	
<b>Standards</b>	VDE 0660 T100, DIN EN 60947-1, IEC 60947-1 VDE 0660 T200, DIN EN 60947-5-1, IEC 60947-5-1
<b>EU Conformity</b>	<b>CE</b>
<b>Approvals</b>	cCSA <sub>US</sub> , UL

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