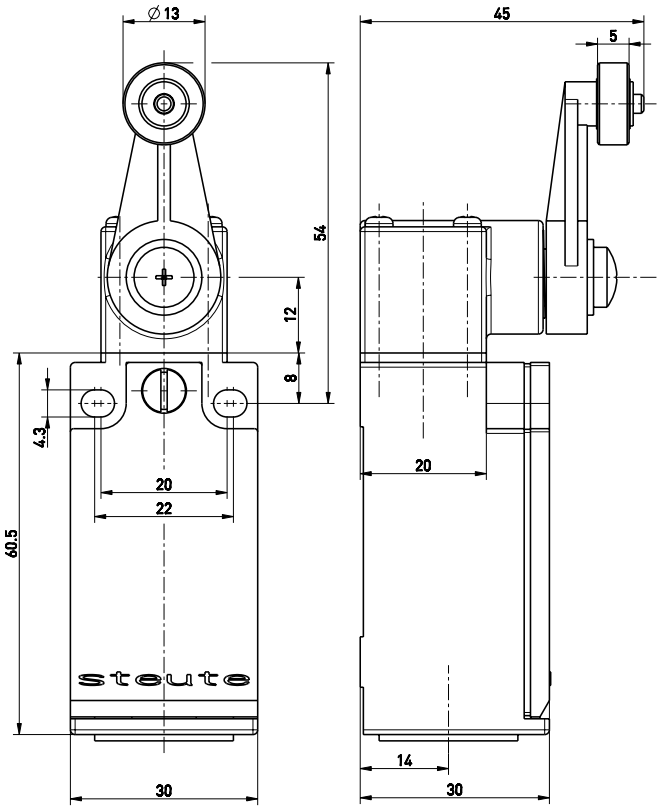
Position switch with safety function
ES 95 D 1Ö/1S
Material number: 1050006 (Material number old: 95021001)

Features/Options:

- Thermoplastic enclosure
- Design to EN 50047
- Horizontally slotted mounting holes
- Double insulated ⧈
- Slow action ⊖, change-over contact with double break
- Good resistance to oil and petroleum spirit
- Actuator: Rocking lever D
- Lever angle adjustable in 10° steps
- Wear-resistant plastic roller
- Actuator can be repositioned by 4 x 90°

Notes
- With metal roller available on request

Dimensions



Technical data

Applied standards	EN ISO 13849-1, EN 60947-5-1, EN ISO 14119
Enclosure	thermoplastic, glass-fibre reinforced, impact resistant, self-extinguishing UL 94 V-0
Switch type	type 1
Coding level	no coding
Tightening torque	enclosure mounting screws: 1 … 1.3 Nm cover screws: max. 0.7 Nm
Degree of protection	IP 67 to IEC/EN 60529
B_{10d} (10 % load)	2 million
T_M	max. 20 years
Contact material	silver
Switching system	slow action, positive break NC contacts ⊖
Switching elements	1 NC/1 NO contact, type Zb
Connection	screw connection terminals
Cable cross-section	max. 2.5 mm² (incl. conductor ferrules)
Cable entry	1 x M20 x 1.5
Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	400 V
Conventional thermal current I_{the}	6 A
Utilisation category	AC-15; DC-13
Rated operating current/ voltage I_e/U_e	6 A/400 VAC; 0.25 A/230 VDC; 4 A/24 VDC

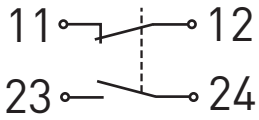
Errors and omissions excepted.

Position switch with safety function
ES 95 D 1Ö/1S
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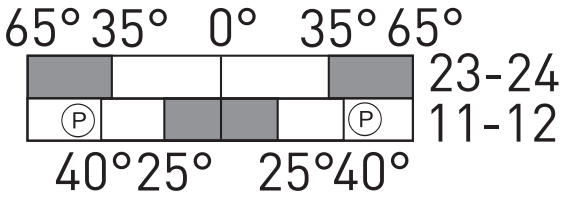
Technical data

Short-circuit protection	6 A gG/gN fuse
Mechanical life	> 1 million operations
Operation cycles	max. 1800/h
Ambient temperature	–20 °C … +80 °C
Contact opening	max. 2 x 3.5 mm
Approvals	
Weight	80 g

Contact diagram



Switching diagram



Errors and omissions excepted.