

Auxiliary switch unit, suitable for the spring return actuators NF..A., SF..A., LF..

- two switches (SPDT)
- Adjustable switching points
- including adapter


Technical data

Electrical data	Auxiliary switch	2 x SPDT, 0...100%, adjustable
	Switching capacity auxiliary switch	1 mA...3 (0.5 inductive) A, AC 250 V (II reinforced insulation), 1 mA...0.5 (0.2 inductive; L/R = 3.4 ms) A, DC 110 V (II reinforced insulation)
	Switching points auxiliary switch	Adjustable across the entire range of rotation 0...1 of the actuator. Presetting with scale possible.
	Connection auxiliary switch	Cable 1 m, 6 x 0.75 mm ²
Safety	Protection class IEC/EN	II reinforced insulation
	Degree of protection IEC/EN	IP54
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14
	Mode of operation	Type 1.B
	Control pollution degree	3
	Ambient temperature	-30...50 °C
	Non-operating temperature	-40...80 °C
	Ambient humidity	95% r.h., non-condensing
	Maintenance	Maintenance-free
Weight	Weight	0.37 kg

Safety notes

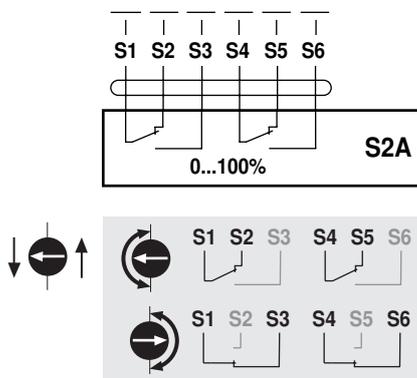

- The device must not be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- Cables must not be removed from the device.
- The device contains electrical and electronic components and must not be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Product features

- Mode of operation** A carrier plate uses adaption to make a positive fit on the spring-return actuator and transfers the rotary movement directly to the feedback potentiometer. Switching points can be freely selected with an adjustment dial. The current switch position can be read off at any time.
- Application** The auxiliary switch unit is used for signaling the position or for exercising switching functions in any given angle setting.
- Simple direct mounting** The auxiliary switch unit is connected directly by means of adaption with the hollow shaft (LF.., NF..A., SF..A..) of the actuator. Once it is mounted, the unit is screwed to the actuator. The spindle clamp is mounted on the bottom side.

Electrical installation

Wiring diagrams



Cable colours:

- S1 = violet
- S2 = red
- S3 = white
- S4 = orange
- S5 = pink
- S6 = grey

Dimensions [mm]

Dimensional drawings

