

Technical data sheet

Auxiliary switch for damper actuators and rotary actuators

- Two switches (SPDT)
- Adjustable switching points
- PWIS/LABS-compliant according to VDMA 24364



Technical data

Electrical data	Auxiliary switch	2x SPDT, 0100%, adjustable
	Switching capacity auxiliary switch	1 mA3 A (0.5 A inductive), DC 5 VAC 250 V / 1 mA0.5 A (0.2 A inductive; L/R = 3.4 ms), DC 5 VDC 110 V
	Switching points auxiliary switch	Adjustable across the entire range of rotation 01 of the actuator. Presetting with scale possible.
	Connection auxiliary switch	Cable 1 m, 6 x 0.75 mm ²
Safety data	Protection class IEC/EN	II, reinforced insulation
	Protection class UL	II, reinforced insulation
	Degree of protection IEC/EN	IP54
	Degree of protection NEMA/UL	NEMA 2
	Enclosure	UL Enclosure Type 2
	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
	UL Approval	cULus according to UL60730-1A, UL60730-2-14 and CAN/CSA E60730-1
	PWIS/LABS-conformity	According to VDMA 24364 (test class C1) Approved for use in zone II Cleaning with low-pressure plasma treatment
	Hygiene test	According to VDI 6022 Part 1 / SWKI VA 104-01, cleanable and disinfectable, low emission
	Type of action	Туре 1.В
	Rated impulse voltage auxiliary switch	4 kV
	Pollution degree	3
	Ambient humidity	Max. 95% RH, non-condensing
	Ambient temperature	-3050°C [-22122°F]
	Storage temperature	-1040°C [14104°F]
	Servicing	maintenance-free
Weight	Weight	0.26 kg



Safety notes

Mechanical accessories	
Accessories	
Simple direct mounting	
Application	
Operating mode	
Product features	

Electrical installation

Wire colours:

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

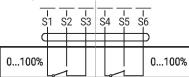
pcs.



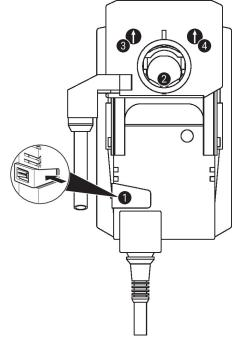
Electrical installation

Wiring diagrams

Auxiliary switch



Operating controls and indicators



Auxiliary switch settings

Note: Perform settings on the auxiliary switch only in deenergised state. /!\

For the auxiliary switch position settings, carry out points 1 to 3 successively.

1 Manual override button

Holding button pressed down (or fix): Gear train disengages. Manual override is possible.

2 Shaft clamp

Turn the shaft clamp of the actuator into the desired switching position of the auxiliary switch

Auxiliary switch - 1 3

Turn rotary knob until the arrow points to the vertical line. Turn the shaft clamp **2** and consider the arrow direction of the auxiliary switch rotary knob at the same time.

The arrow direction always indicates the switching position (S1-S2 or S1-S3). If the auxiliary switch should switch in the opposite direction, rotate the auxiliary switch rotary knob by 180°. Alternatively the switching position can be checked with a continuity tester on the cable of the auxiliary switch. Release (or disengage) button 1.



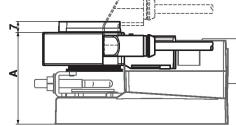
4 Auxiliary switch - 2

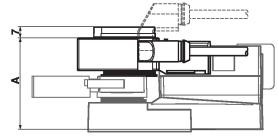
Same procedure as for auxiliary switch 1 (step 1 to 3).

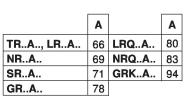


Dimensions

	A		A
TMA., LMA.	66	LMQA	80
NMA	69	NMQA	83
SMA	71	SMQA	89
SMDA	71	NKQA	87
GMA	78	GKA	94







DR..A.. DRK..A..

