

Auxiliary switch for damper actuators and rotary actuators

- Two switches (SPDT)
- Adjustable switching points



Picture may differ from product

Safety data Protection class IEC/EN II, reinforced insulation		Picture may differ from product	
Switching capacity auxiliary switch Switching points auxiliary switch Switching points auxiliary switch Switching points auxiliary switch Switching points auxiliary switch Electrical connection Cable Connection auxiliary switch Cable 5 m, 6x 0.75 mm² halogen-free Frotection class IEC/EN II, reinforced insulation Degree of protection IEC/EN EMC CE according to 2014/30/EU Low voltage directive Cet according to 2014/35/EU Certification IEC/EN IEC/EN 60730-1 Type of action Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Amx. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]	Technical data		
Switching points auxiliary switch Adjustable across the entire range of rotation 010 of the actuator. Presetting with scale possible. Electrical connection Cable Connection auxiliary switch Cable 5 m, 6x 0.75 mm² halogen-free Safety data Protection class IEC/EN II, reinforced insulation Degree of protection IEC/EN EMC CE according to 2014/30/EU Low voltage directive CE according to 2014/35/EU Certification IEC/EN IEC/EN 60730-1 Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]	Electrical data	Auxiliary switch	2x SPDT, 0100%, adjustable in 10% steps
O10 of the actuator. Presetting with scale possible. Electrical connection Cable Connection auxiliary switch Cable 5 m, 6x 0.75 mm² halogen-free Safety data 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 Type of action Type 1.B Rated impulse voltage auxiliary switch 4 kV Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Switching capacity auxiliary switch	6 A (3 A inductive), AC 250 V
possible. Electrical connection Cable Connection auxiliary switch Cable 5 m, 6x 0.75 mm² halogen-free Safety data 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 Type of action Type 1.B Rated impulse voltage auxiliary switch 4 kV Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Switching points auxiliary switch	Adjustable across the entire range of rotation
Connection auxiliary switch Cable 5 m, 6x 0.75 mm² halogen-free Protection class IEC/EN Degree of protection IEC/EN EMC CE according to 2014/30/EU Low voltage directive Certification IEC/EN IEC/EN 60730-1 Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Ambient temperature Cable 5 m, 6x 0.75 mm² halogen-free II, reinforced insulation IEC/EN IEC/EN 60730/EU At kV Pollution degree 3 Ambient humidity Amx. 95% RH, non-condensing -3050°C [-22122°F]			5
Safety data Protection class IEC/EN Degree of protection IEC/EN EMC CE according to 2014/30/EU Low voltage directive Certification IEC/EN IEC/EN 60730-1 Type of action Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Ambient temperature II, reinforced insulation IEC/EN IP54 IEC/E according to 2014/30/EU CE according to 2014/35/EU CE according to 2014/35/EU According to 2014/30/EU Acco		Electrical connection	Cable
Degree of protection IEC/EN EMC CE according to 2014/30/EU Low voltage directive Certification IEC/EN Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Connection auxiliary switch	Cable 5 m, 6x 0.75 mm² halogen-free
EMC CE according to 2014/30/EU Low voltage directive CE according to 2014/35/EU Certification IEC/EN Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]	Safety data	Protection class IEC/EN	II, reinforced insulation
Low voltage directive CE according to 2014/35/EU Certification IEC/EN Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Degree of protection IEC/EN	IP54
Certification IEC/EN Type of action Type 1.B Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		EMC	CE according to 2014/30/EU
Type of action Rated impulse voltage auxiliary switch Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Low voltage directive	CE according to 2014/35/EU
Rated impulse voltage auxiliary switch Pollution degree Ambient humidity Ambient temperature 4 kV Max. 95% RH, non-condensing -3050°C [-22122°F]		Certification IEC/EN	IEC/EN 60730-1
Pollution degree 3 Ambient humidity Max. 95% RH, non-condensing Ambient temperature -3050°C [-22122°F]		Type of action	Type 1.B
Ambient humidity Ambient temperature Max. 95% RH, non-condensing -3050°C [-22122°F]		Rated impulse voltage auxiliary switch	4 kV
Ambient temperature -3050°C [-22122°F]		Pollution degree	3
		Ambient humidity	Max. 95% RH, non-condensing
Ctorage temporature 40, 90°C (40, 176°F)		Ambient temperature	-3050°C [-22122°F]
Storage temperature -4080 C [-40176 F]		Storage temperature	-4080°C [-40176°F]
Servicing maintenance-free		Servicing	maintenance-free

Safety notes



Weight

Weight

 The device must not be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.

0.63 kg

- Outdoor application: only possible in case that no (sea) water, snow, ice, insolation or aggressive gases interfere directly with the device and that it is ensured that the ambient conditions remain within the thresholds according to the data sheet at any time.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with 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

Operating mode

Switching points can be freely selected with an adjustment dial. The current switch position can be read off at any time.



Product features

Application

The auxiliary switch unit is used for signaling the position or for exercising switching functions in any given angle setting.

Accessories

Mechanical accessories	Description	Туре
	Bracket for SN2-C7 for BFN/BFL, BEN/BEE, BFA	ZSN-B
	Bracket for SN2-C7 for BF	ZSN-BF

Electrical installation

Wire colours:

S1 = white

S2 = white

S3 = white

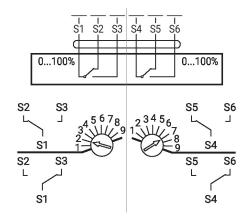
S4 = white

S5 = white

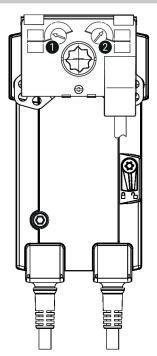
S6 = white

Wiring diagrams

Auxiliary switch



Operating controls and indicators



Auxiliary switch settings

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

1 Auxiliary switch - 1

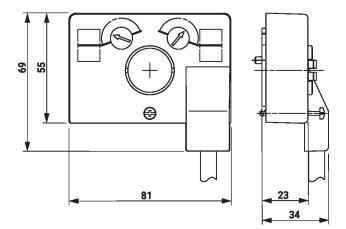
Turn rotary knob until the arrow points to the designated position (e.g. 2 = 20%, 7 = 70%). The arrow direction always indicates the switching position (S1-S2 or S1-S3). The switching position can be checked with a continuity tester on the cable of the auxiliary switch.

2 Auxiliary switch - 2

Same procedure as for auxiliary switch 1.



Dimensions



Туре	Weight
SN2-C7/500	0.63 kg