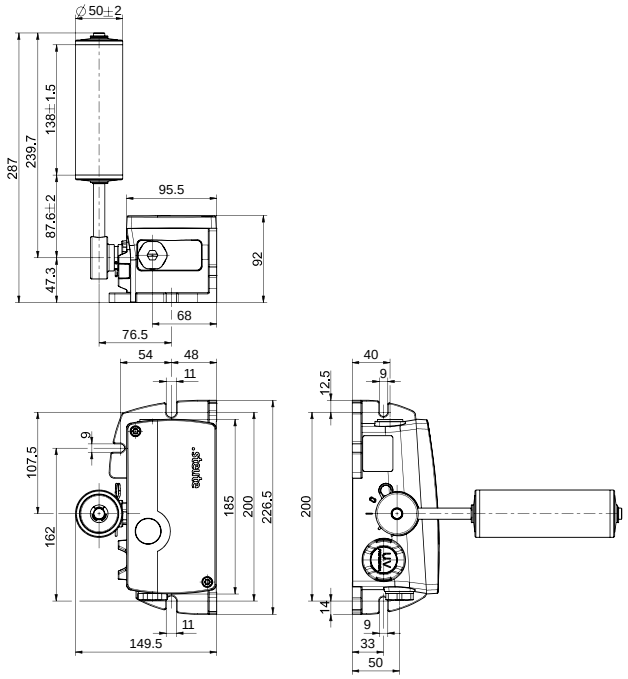
Belt alignment switch
ZS 92 SR 22 P KST -40°C ... +70°C IP66/67 Extreme
Article no.: 1254622

Product features

- Temperature resistant from -40 °C to +70 °C
- High degree of protection IP66 / IP67
- Thermoset enclosure
- Screws and belt-alignment roller made of stainless steel
- With staggered contacts, adjustable from 5° to 35°
- Belt alignment lever adjustable in 12° steps using a self-locking mechanism
- Rear and base mounting possible

Dimensions



Technical data

Applied standards
EN 60947-5-1

Enclosure
thermoset, grey, similar to RAL 7035

Cover
thermoset, enamel finish, yellow, similar to RAL 1012

Actuator
stainless steel

Screws
stainless steel

Tightening torque
cover screws: max. 2.5 Nm

Degree of protection
IP66/IP67 (IEC/EN 60529)

B_{10d} (10 % load)
2 million

T_M
max. 20 years

Safety class
II

Contact material
silver

Switching elements
2 NC/2 NO contacts, type Zb

Switching system
snap action, positive break NC contacts ⊖

Switching points
adjustable 5° to 35°; pre-adjustment setting 2 x 10°

Connection
screw connection terminals

Cable cross-section
0.5 ... 2.5 mm² (incl. conductor ferrules)

Cable entry
2 x M25 x 1.5

Rated impulse withstand voltage U_{imp}
4 kV

Rated insulation voltage U_i
400 V

Conventional thermal current I_{the}
4 A

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Technical data (contd.)

Conditional short-circuit current
1100 A

Utilisation category
AC-15; DC-13

Rated operating current/voltage I_e/U_e
4 A/400 VAC; 0.25 A/250 VDC; 0.55 A/125 VDC; 2.5 A/48 VDC; 3 A/24 VDC

Short-circuit protection
4 A gG/gN fuse

Mechanical life
> 1 000 000 operations at max. 45° operating angle

Admissible belt speed
7 m/s for 3 h with a force of 50 N

Operation cycles
max. 600/h

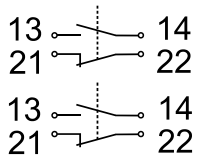
Ambient temperature
–40 °C ⋯ +70 °C

Degree of pollution
3

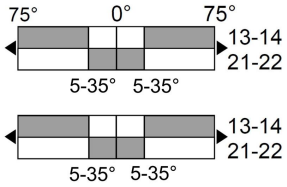
Actuating moment
approx. 4 Nm / 110 Nm (max. permissible actuating moment)

Approvals

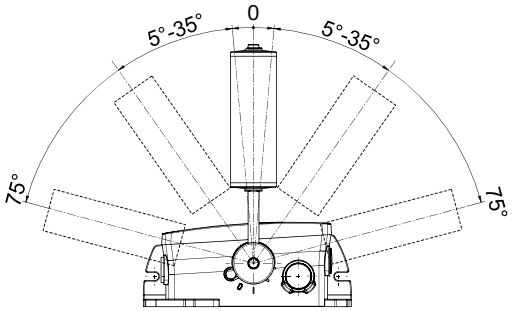
Contact diagram



Switching diagram



Switching points



Errors and omissions excepted.