

Datasheet - Belt Rip Detector Switch - ZS 71

ZS 71 WZ 1Ö/1S VD-G 24V 45N Material no.: 1300991

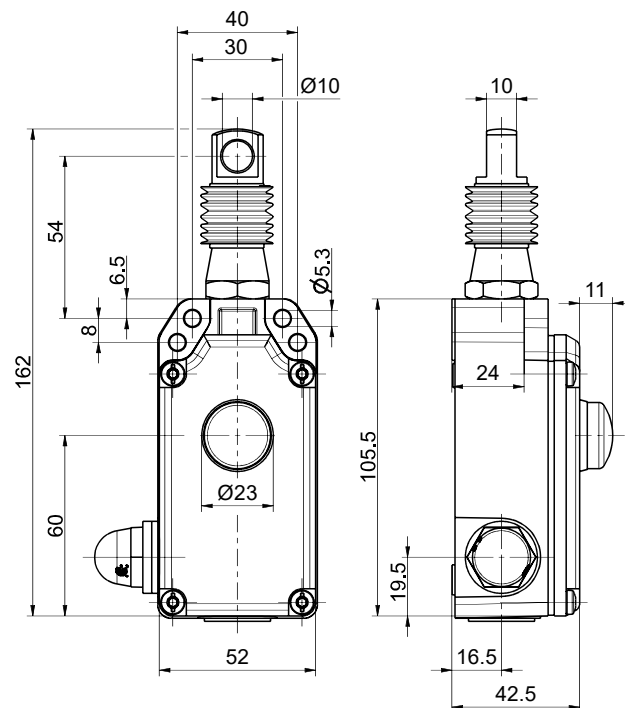
Product features

- Metal enclosure
- Release by push button (VD)
- Snap action: 2 contacts
- Watertight collar W for protection against penetration of dirt
- Spring force variant: 45 N
- LED 24 V DC red

Notes

- Required accessories: Wire system complete, 5 m (not included in delivery)

Dimensions



Technical data

Applied standards

EN 60947-5-1

Enclosure

aluminium die-cast, powder-coated

Cover

thermoplastic, glass-fibre reinforced, shockproof, self-extinguishing UL 94 V-0

Calotte

polycarbonate, shockproof, self-extinguishing UL 94 V-0, red transparent

Degree of protection

IP65 (IEC/EN 60529)

B10d (10 % load)

200 000

Contact material

silver

Switching system

snap action, positive break NC contacts ☹

Switching elements

1 NC/1 NO contact, type Zb

Connection

screw connection terminals

indicator lamp: wire 2 x 0.9 mm², AWG 18, wire length approx. 150 mm, with conductor ferrules

Cable cross-section

max. 2.5 mm² (incl. conductor ferrules)

Cable entry

1 x M20 x 1.5

Rated impulse withstand voltage U_{imp}

6 kV

Rated insulation voltage U_i

400 V

Conventional thermal current I_{the}

6 A

Utilisation category

AC-15

Rated operating current/voltage I_e/U_e

6 A/400 VAC

Short-circuit protection

6 A gG/gN fuse

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Technical data (contd.)

Ambient temperature
-25 °C ... +70 °C

Mechanical life
> 100 000 operations

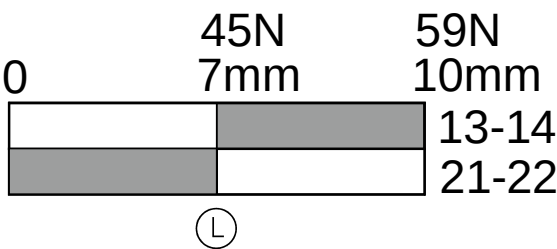
Rated operating voltage range U_B
Indicator lamp: 24 VAC/DC +10/-15 %

Rated operating current I_e
Indicator lamp: ~ 15 mA

Actuating force
max. 100 N

Approvals
CCC ENEC

Switching diagram



(L) Latching point

Contact diagram

