

Switch for Locking Mechanism HZ

for hook locks in especially adapted version



Function and Range of Application

The switch for locking mechanism for hook lock HZ is a safety switch with positive contact and is preferably used for the control of the locking of the hook lock on automatic doors. The switch copes as well with longitudinal movements at small swivelling radius of the hook lock. The door contact is actuated by contact bridges PZ 18, PZ 21; DZ 18; DZ 21; PZ 18SO or PZ 24. For the door contact PZ 24 the protection against accidental contact has to be considered separately.

Features

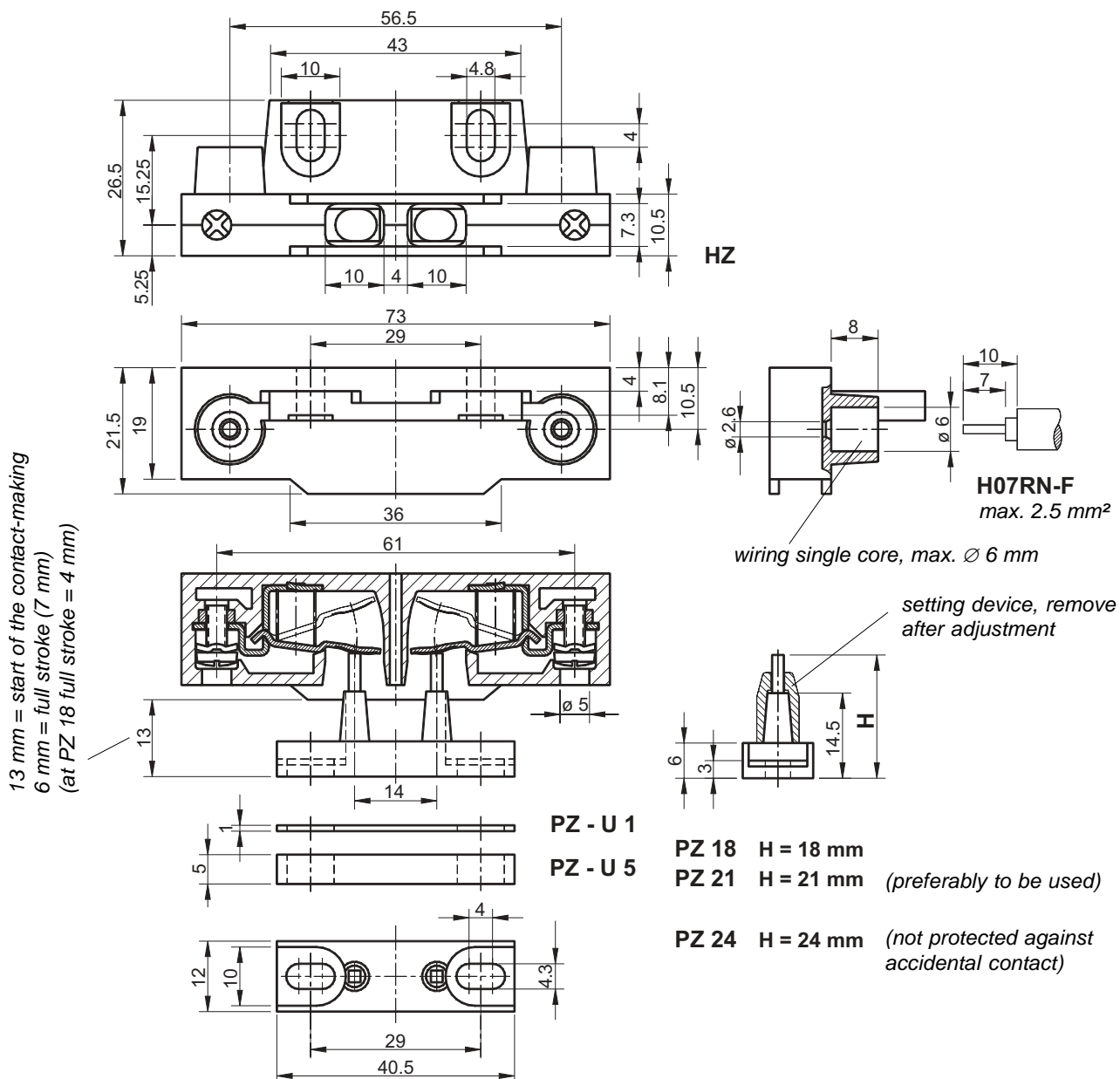
- authoritative judgement G 328 by the TÜV for EN 81
- level of protection IP 20 (finger protection)
- large-scale feed opening at small swivelling radius at the hook lock
- high contact safety by self-cleaning
- quite functioning
- very long service life
- pressure plate for secure fixation

Order Information Codes

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|----------------|--|
| HZ | switch for locking mechanism for hook lock |
| PZ 18 | contact bridge, 18 mm high |
| PZ 21 | contact bridge, 21 mm high |
| PZ 24 | contact bridge, 24 mm high (<i>not protected against accidental contact</i>) |
| PZ 18SO | contact bridge special (diagonal), 18 mm high |
| PZ - U1 | pad, 1 mm thick for PZ 18/21/24 |
| PZ - U5 | pad, 5 mm thick for PZ 18/21/24 |
| PZ - A | marking device for contact bridge PZ 18/21/24 |



Device Dimensions



Technical Data

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|--------------------------------|---|
| EN 81-1 and EN 81-2 | applies to the demands of the safety regulations for elevators |
| EN 60947-5-1 | nominal insulation voltage 500 V I _{th} = 10 A U _{imp} = 4 kV |
| switching capacity | AC-15 I _e = 2 A U _e = 230 V DC-13 I _e = 2 A U _e = 200 V |
| short-circuit capacity | T 10 A; F 16 A |
| enclosure | level of protection IP 20, thermoplastic, self-extinguishing |
| contacts | positive contact with refined silver as contact material |
| connection | by screw terminal max. 2.5 mm ² , captive |
| ambient air temperature | -30 °C to 80 °C, installation any operating position |
| actuation force | 1.6 N |
| weight | HZ = 26 g PZ 18 = 6 g PZ 21 = 6.2 g PZ 24 = 6.4 g |