Intended use

The Switching element with locking mechanism HST-S1 is used to switch off the power supply to the load circuits of machines or plants without shutoff delays, with rated currents up to 20A.

Other applications are prohibited.

Structure and function

**Position 1**
Switch key cannot be removed.

**Position 0:**
Switch key can be removed.

<table>
<thead>
<tr>
<th>Ident-No.</th>
<th>Contacts</th>
<th>Amperage</th>
</tr>
</thead>
<tbody>
<tr>
<td>10228</td>
<td>1 NC / 1 NO</td>
<td>20 A</td>
</tr>
<tr>
<td>10229</td>
<td>2 NC / 2 NO</td>
<td>20 A</td>
</tr>
<tr>
<td>10230</td>
<td>4 NC</td>
<td>20 A</td>
</tr>
</tbody>
</table>

Figure shows HST-S1 Ident.-No.: 10228

Technical Data

- Environment: Indoor / outdoor
- Temperature range: -25°C to + 40°C
- Humidity: ≤ 100% (standard climate)
- Material: stainless steel
- Lock: galvanised steel
- Mounting plate: galvanised steel
- Earthing plate: galvanised steel
- Housing: powder-coated sheet steel
- Ambient atmosphere: industrial environments
- Mounting position: all positions
- Mechanical service life:
  - Lock: 280,000 actuations
  - Switch: 1,000,000 actuations
  - Service life: 15 years
- B10d-values:
  - Switch; rated operating current 16/20 A: 36,000 switching operations
  - Switch: for 24 V DC and 0,21 A: 1,000,000 (in conjunction with PNOZ X3)
- Mean Time To Failure (MTTFd): Application-dependant
- Protection class: IP 65
- Reference standard for rotary switch: EN 60947-3

Dimensions Ident.-No: 10228, 10229, 10230