

3SE2, 3SE3, 3SF3 Position Switches

3SE2, 3SE3 Position Switches

Open-type position switches

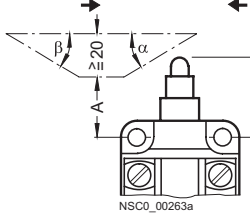
Configuration

Operation, operating speed and travel of actuators

| | Operation | Contact blocks | Nominal travel | Minimum force required in direction of plunger axis |
|-----|--|--|--|---|
| A | Actuating bar spacing = distance from center of the fixing hole up to lower edge of contact bar | Terminal designation according to EN 50013 | 0-line Commencement of plunger travel | |
| A** | Actuating bar spacing for positive opening according to IEC 60204-1 (VDE 0113 Part 1) for snap-action contacts | | ■ Contact closed □ Contact open | |
| | | | * Operating point on return | |
| | | | ** Positive opening according to IEC 60947-5-1-3 | |

Rounded plungers

3SE3 02



$A \geq 15$ mm; $A^{**} \geq 17.5$ mm

Actuators can be in the form of a bar, cam, stop etc.

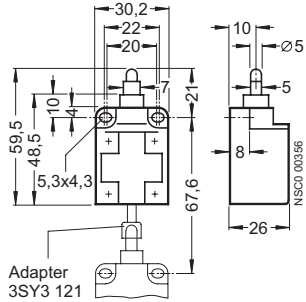
For lateral actuation:

$\alpha_{max} = 30^\circ$, $\beta_{max} = 30^\circ$, $v_{max} = 0.5$ m/s

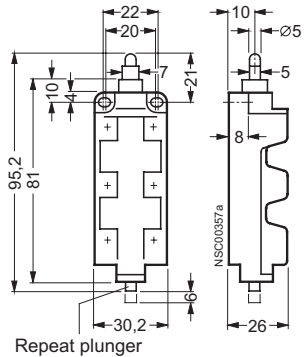
For operation along plunger axis:

$v_{max} = 1.5$ m/s

3SE3 020-A

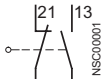


SE3 023-A



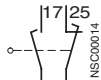
Slow-action contacts

1 NO 1 NC



Ident. No. **11**

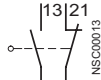
1 NO +1 NC with make-before-break



Ident. No. **11**

Snap-action contacts

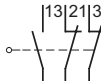
1 NO 1 NC



Ident. No. **11**

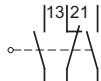
Slow-action contacts

1 NO + 2 NC



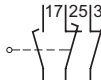
Ident. No. **12**

2 NO 1 NC



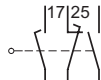
Ident. No. **21**

1 NO 2 NC with make-before-break



Ident. No. **12**

2 NO +1 NC with make-before-break



Ident. No. **21**

Along plunger axis

Lateral actuation $\alpha = 30^\circ$

