



## **Position switch,3SE5250-0BC05**

URL:<https://www.sxplc.com/position-switch-3se5250-0bc05>

### **Product data sheet**

<b>product designation</b>	Open-type position switches
<b>product type designation</b>	3SE5
<b>manufacturer's article number</b>	
• of the supplied switching contacts	<a href="#">3SE5000-0BA00</a>
<b>suitability for use safety switch</b>	Yes
<b>General technical data</b>	
<b>product function positive opening</b>	Yes
<b>insulation voltage rated value</b>	400 V
<b>degree of pollution</b>	class 3
<b>surge voltage resistance rated value</b>	6 kV
<b>protection class IP</b>	IP20, conductor connected and clamping screw screwed in
<b>shock resistance</b>	
• according to IEC 60068-2-27	30g / 11 ms
<b>mechanical service life (operating cycles) typical</b>	15 000 000
• note	1000000 at 30° angle of approach
<b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b>	100 000
<b>thermal current</b>	10 A
<b>material of the enclosure of the switch head</b>	plastic
<b>reference code according to IEC 81346-2</b>	B
<b>continuous current of the C characteristic MCB</b>	1 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the DIAZED fuse link gG</b>	6 A
<b>active principle</b>	mechanical
<b>repeat accuracy</b>	0.05 mm
<b>Substance Prohibittance (Date)</b>	07/01/2006
<b>minimum actuating force in directions of actuation</b>	20 N
<b>length of the sensor</b>	59.2 mm
<b>width of the sensor</b>	30 mm
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
<b>explosion protection category for dust</b>	none
<b>design of the switching contact</b>	mechanical
<b>operating frequency rated value</b>	50 ... 60 Hz
<b>number of NC contacts for auxiliary contacts</b>	1
<b>number of NO contacts for auxiliary contacts</b>	1
<b>operational current at AC-15</b>	

