



Position switch,3SE51120CR01

URL:<https://www.sxplc.com/position-switch-3se51120cr01>

Product data sheet

product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
<ul style="list-style-type: none"> • of the supplied basic switch • of the supplied actuator head for position switches • of the supplied switching contacts • of the supplied empty enclosure with cover 	3SE5112-0CA00 3SE5000-0AR01 3SE5000-0CA00 3SE5112-0AA00
suitability for use safety switch	No
General technical data	
product function positive opening	No
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP65/IP67
shock resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-27 	30g / 11 ms
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
material of the enclosure of the switch head	plastic
reference code according to IEC 81346-2	B
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
minimum actuating torque in directions of actuation	0.25 N·m
length of the sensor	220.3 mm
width of the sensor	40 mm
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +85 °C -40 ... +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 ... 60 Hz

