SIEMENS

Data sheet

3SE5112-0LB01



Position switch Metal enclosure 40 mm according to EN 50041 Device connection 1x (M20 x 1.5) 1 NO/2 NC quick action contacts Plain plunger, stainless steel

product brand name	SIRIUS	
product designation	Mechanical position switches	
product type designation	3SE5	
manufacturer's article number		
 of the supplied basic switch 	<u>3SE5112-0LA00</u>	
 of the supplied actuator head for position switches 	<u>3SE5000-0AB01</u>	
 of the supplied switching contacts 	<u>3SE5000-0LA00</u>	
 of the supplied empty enclosure with cover 	<u>3SE5112-0AA00</u>	
suitability for use safety switch	Yes	
General technical data		
product function positive opening	Yes	
insulation voltage rated value	400 V	
degree of pollution	class 3	
surge voltage resistance rated value	6 kV	
protection class IP	IP66/IP67	
shock resistance		
 according to IEC 60068-2-27 	30g / 11 ms	
vibration resistance according to IEC 60068-2-6	0.35 mm/5g	
mechanical service life (operating cycles) typical	15 000 000	
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	metal	
reference code according to IEC 81346-2	В	
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	
minimum actuating force in directions of actuation	20 N	
length of the sensor	85.7 mm	
width of the sensor	40 mm	
Ambient conditions		
ambient temperature		
 during operation 	-25 +85 °C	
 during storage 	-40 +90 °C	
explosion protection category for dust	none	
design of the switching contact	mechanical	
operating frequency rated value	50 60 Hz	

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Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0LB01

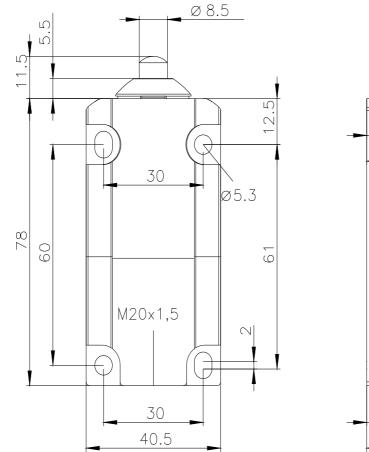
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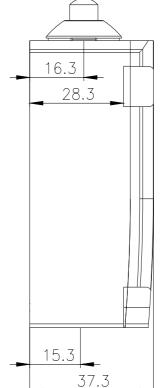
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0LB01

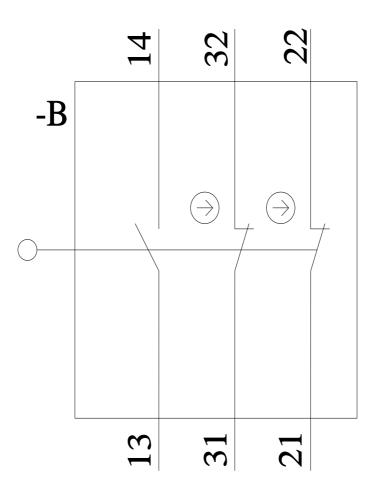
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0LB01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0LB01&lang=en







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