SIEMENS

Data sheet 3SE5132-0LU21



Hinge switch Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) Snap-action contacts 2 NC/1 NO integrated, with hollow shaft Diameter = 8 mm Actuating angle 10°

product brand name	SIRIUS
product designation	Mechanical safety hinge switches
product type designation	3SE5
manufacturer's article number	
 of the supplied actuator head for position switches 	3SE5000-0AU21
 of the supplied switching contacts 	3SE5000-0LA00
 of the supplied empty enclosure with cover 	3SE5132-0AA00
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	1 000 000
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	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
SVHC substance name	Imidazolidin-2-thion - 96-45-7
minimum actuating torque in directions of actuation	0.2 N·m
length of the sensor	107.5 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

design of the actuating element design of the switching function circuit principle number of switching contacts safety-related 2 cable entry type 1x (M20 x 1.5) nstallation/ mounting/ dimensions mounting position fastening method connections/ Terminals type of connectable conductor cross-sections • solid • finely stranded with core end processing • for AWG cables solid • for AWG cables stranded design of the interface for safety-related communication communication/ Protocol design of the interface without Rotary axis, hinge switch, actuating angle 10°, hollow shaft Di = 8 mm, De simm mm Rotary axis, hinge switch, actuating angle 10°, hollow shaft Di = 8 mm, De simm position positive opening snap-action contacts 2 tx (M20 x 1.5) any screw fixing screw fixing screw-type terminals 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) 1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) 4x (20 16), 2x (20 18) 4x (20 16), 2x (20 18) design of the interface without	number of NC contacts for auxiliary contacts	2
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• at 240 V rated value • at 400 V rated value • at 400 V rated value operational current at DC-13 • at 240 V rated value • at 125 V rated value • at 125 V rated value • at 125 V rated value • at 400 V rate	at 24 V rated value	6 A
• at 400 V rated value 4 A operational current at DC-13 • at 24 V rated value 0.55 A • at 250 V rated value 0.27 A • at 400 V rated value 0.27 A • at 400 V rated value 0.12 A • at 400 V rated value 0.27 A • at 400	 at 125 V rated value 	6 A
e at 24 V rated value 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3 A 3	 at 240 V rated value 	6 A
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Certificates/ approvals	Communication/ Protocol	
	design of the interface	without
Eurotional	Certificates/ approvals	
runctional		Functional

General Product Approval

Safety/Safety of Machinery





Confirmation





Type Examination Certificate

Declaration of Conformity

other





Confirmation

Further information

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,...)

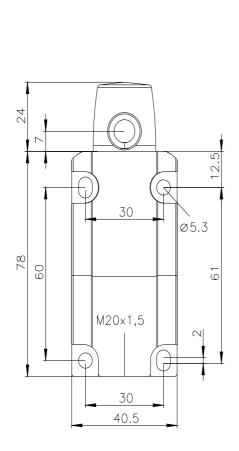
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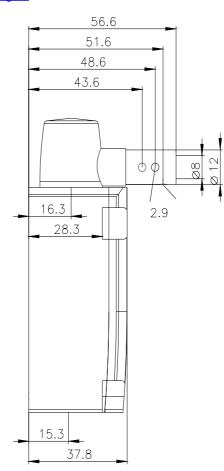
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0LU21

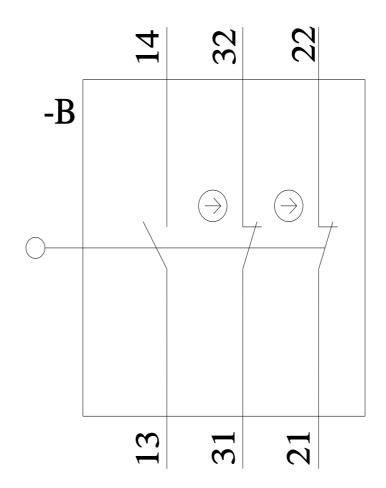
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0LU21&lang=en







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