SIEMENS

Data sheet

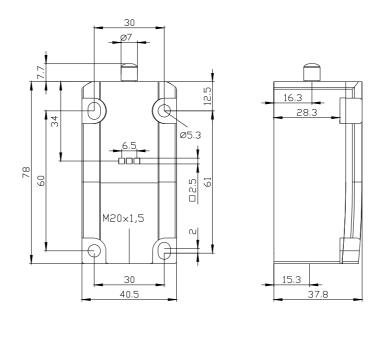
3SE5132-3LA00

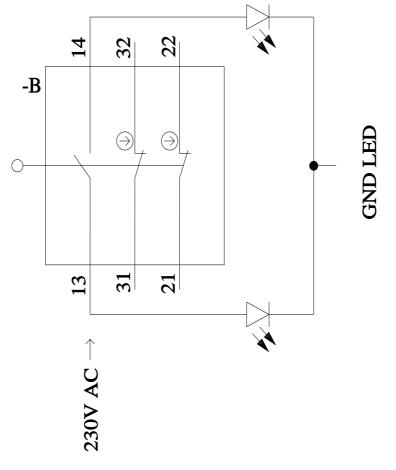


Basic switch for position switch 3SE51 Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) with 2 LEDs, yellow/green, 24 V DC 1 NO / 2 NC quick action contacts without actuator head

product brand name	SIRIUS
product designation	Mechanical safety switches
product type designation	3SE5
manufacturer's article number	0020
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	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
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 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 +60 °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
number of NC contacts for auxiliary contacts	2

operational current at AC-15	
e at 230 V rated value	6 A
Enclosure	
design of the housing	block, narrow
material of the enclosure	
coating of the enclosure	plastic Other types
	Other types
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Other, without, basic switch
design of the switching function	Positive opening with appropriate positive opening actuator head
circuit principle	snap-action contacts
number of switching contacts safety-related	2
cable entry type	1x (M20 x 1.5)
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
 for AWG cables solid 	1x (20 16), 2x (20 18)
 for AWG cables stranded 	1x (20 16), 2x (20 18)
Supply voltage	
type of voltage of the supply voltage of the optional LED display	AC
supply voltage	
• of LED	230 V
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	
General Product Approval	
General Product Ap- other	
proval	
ERE	
Further information	
Siemens has decided to exit the Russian market (see here).	
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-dd Siemens is working on the renewal of the current EAC certific: Please contact your local Siemens office on the status of validity of EAC relevant market (other than the sanctioned EAEU member sta 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)	ates. If the EAC certification if you intend to import or offer to supply these products to an ates Russia or Belarus).
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-de Siemens is working on the renewal of the current EAC certific: Please contact your local Siemens office on the status of validity of EAC relevant market (other than the sanctioned EAEU member stat Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875 Information- and Downloadcenter (Catalogs, Brochures,) https://www.siemens.com/ic10	ates. f the EAC certification if you intend to import or offer to supply these products to an ates Russia or Belarus). =3SE5132-3LA00 x?lang=en&mlfb=3SE5132-3LA00 s,)





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