



Position switch Plastic enclosure 40 mm Twist lever, adjustable length  
 Metal lever with grid hole plastic roller 19 mm according to EN 50041  
 Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts Rotary  
 actuator right/left adjustable

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
• of the supplied basic switch	3SE5132-0CA00
• of the supplied actuator head for position switches	3SE5000-0AH00
• of the supplied operating lever	3SE5000-0AA60
• of the supplied switching contacts	3SE5000-0CA00
• of the supplied empty enclosure with cover	3SE5132-0AA00
suitability for use safety switch	Yes
<b>General technical data</b>	
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	
• acc. to IEC 60068-2-27	30g / 11 ms
vibration resistance acc. to IEC 60068-2-6	0.35 mm/5g
mechanical service life (switching cycles) typical	15 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	100 000
electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
thermal current	10 A
material of the enclosure of the switch head	plastic
reference code acc. 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
minimum actuating torque in directions of actuation	0.25 N·m
length of the sensor	192 mm
width of the sensor	40 mm

design of the switching contact	mechanical	
operating frequency rated value	50 ... 60 Hz	
number of NC contacts for auxiliary contacts	1	
number of NO contacts for auxiliary contacts	1	
operational current at AC-15		
• at 24 V rated value	6 A	
• at 125 V rated value	6 A	
• at 240 V rated value	6 A	
• at 400 V rated value	4 A	
operational current at DC-13		
• at 24 V rated value	3 A	
• at 125 V rated value	0.55 A	
• at 250 V rated value	0.27 A	
• at 400 V rated value	0.12 A	
design of the interface for safety-related communication	without	
<b>Enclosure</b>		
design of the housing	block, narrow	
material of the enclosure	plastic	
coating of the enclosure	Other types	
design of the housing acc. to standard	Yes	
<b>Drive Head</b>		
design of the actuating element	metal lever, adjustable length with closing shape, plastic roller 19 mm	
standard-compliant actuator head	EN 50041, design A	
shape of the switch head	roller	
design of the switching function	positive opening	
circuit principle	snap-action contacts	
number of switching contacts safety-related	1	
<b>Connections/ Terminals</b>		
type of electrical connection	screw-type terminals	
type of connectable conductor cross-sections		
• solid	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )	
• finely stranded with core end processing	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )	
• at AWG cables solid	1x (20 ... 16), 2x (20 ... 18)	
• at AWG cables stranded	1x (20 ... 16), 2x (20 ... 18)	
cable entry type	1x (M20 x 1.5)	
<b>Communication/ Protocol</b>		
design of the interface	without	
<b>Ambient conditions</b>		
explosion protection category for dust	none	
<b>Installation/ mounting/ dimensions</b>		
mounting position	any	
fastening method	screw fixing	
<b>Certificates/ approvals</b>		
General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity



[Type Examination Certificate](#)



Declaration of Conformity

other

[Miscellaneous](#)

[Confirmation](#)

## Further information

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=3SE5132-0CJ60>

Cax online generator

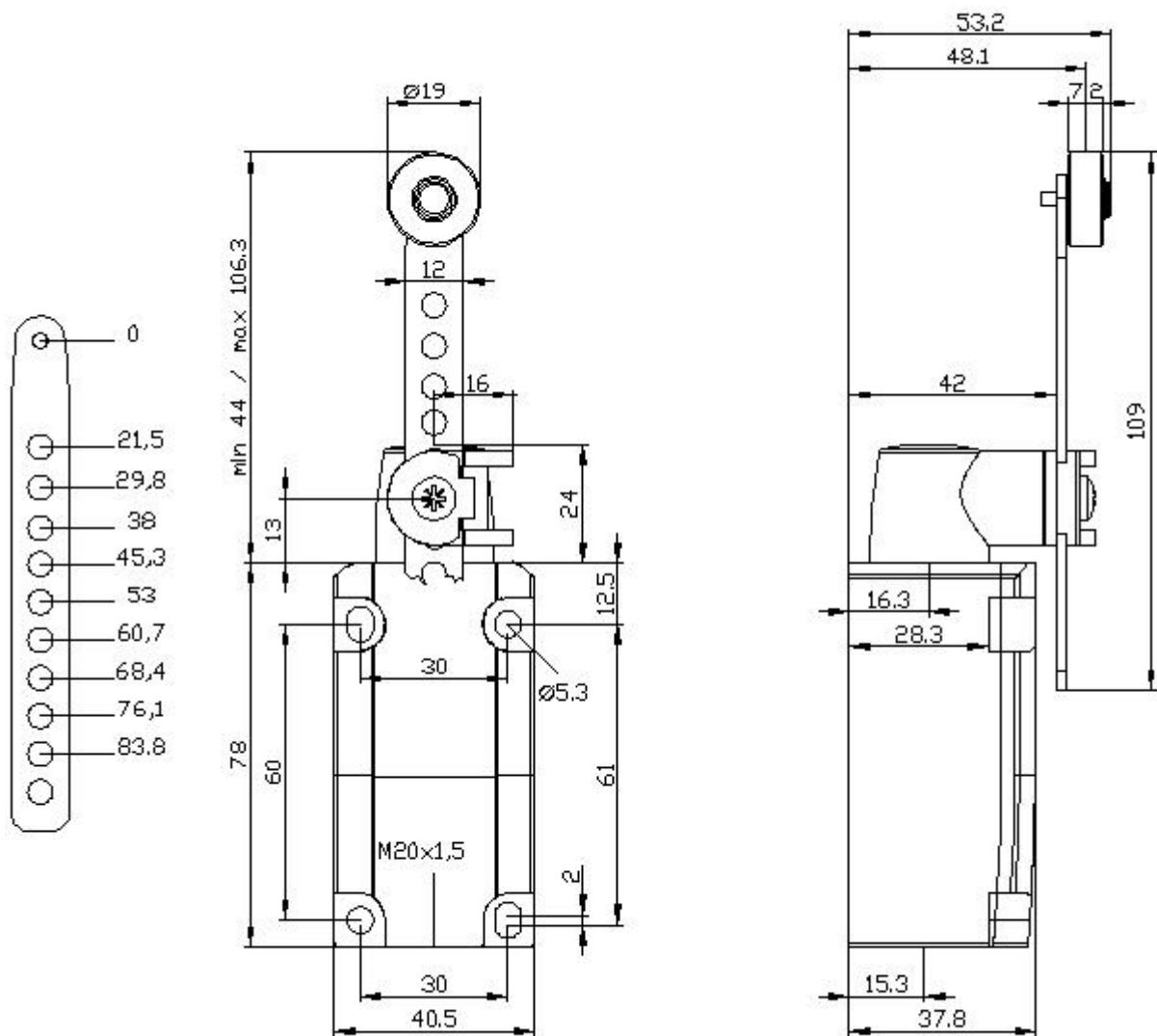
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CJ60>

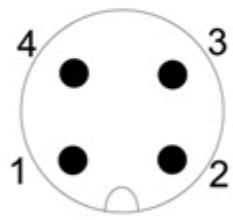
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0CJ60>

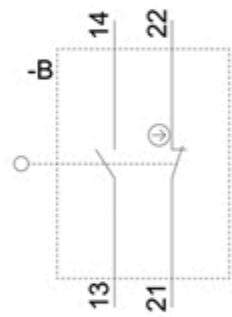
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

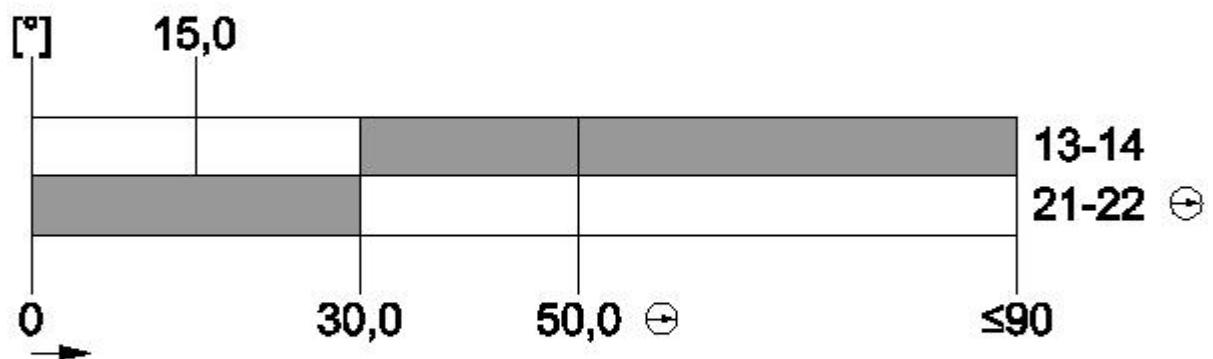
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5132-0CJ60&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CJ60&lang=en)





1	BN = Brown	→	21
2	WH = White	→	22
3	BU = Blue	→	13
4	BK = Black	→	14





last modified:

12/21/2020