Data sheet

3SE5532-0FC05-1AM0



Position switch plastic, Compact design according to EN 50047 with rounded plunger, 1x M20 x 1.5 (Teflon plunger) Short stroke, integrated, 1 NO+1 NC, customized, Cover black

product brand name	SIRIUS		
product designation	Mechanical position switches		
product type designation	3SE5		
manufacturer's article number of the supplied basic switch	3SE5532-0FC05		
suitability for use safety switch	Yes		
General technical data			
product function positive opening	Yes		
insulation voltage rated value	400 V		
degree of pollution	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		
continuous current of the quick DIAZED fuse link	10 A		
continuous current of the DIAZED fuse link gG	6 A		
repeat accuracy	0.05 mm		
Substance Prohibitance (Date)	07/01/2006		
minimum actuating force in directions of actuation	20 N		
length of the sensor	70.5 mm		
width of the sensor	31 mm		
Ambient conditions			
ambient temperature			
during operation	-25 +85 °C		
during storage	-40 +90 °C		
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 230 V rated value	6 A		
operational current at DC-13			
at 24 V rated value	3 A		

at 125 V rated value	0.55 A				
at 230 V rated value	0.27 A				
Enclosure					
design of the housing	block, narrow				
material of the enclosure	plastic				
coating of the enclosure	Other types				
design of the housing according to standard	Yes				
Actuator					
design of the actuating element	Rounded plunger, Teflon plunger				
Contact					
circuit principle	snap-action contacts				
design of the switching function	positive opening, short-stroke, integrated				
number of switching contacts safety-related	1				
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	pe 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)				
Communication/ Protocol					
design of the interface	without				
Certificates/ approvals					
General Product Approval		Functional Safety/Safety of Ma- chinery	other		



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.

Confirmation

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).

Type Examination Certificate

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=3SE5532-0FC05-1AM0

Cax online generator

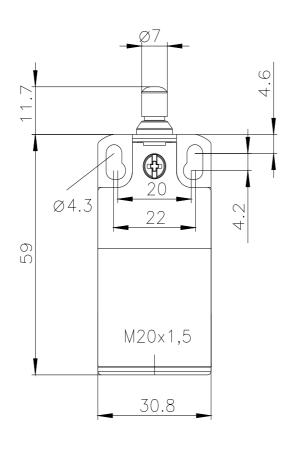
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5532-0FC05-1AM0

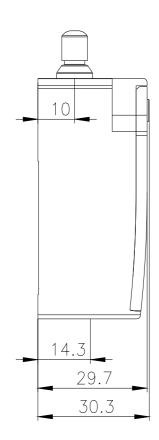
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5532-0FC05-1AM0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5532-0FC05-1AM0&lang=en

Confirmation





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