SIEMENS

Data sheet 3SE5232-0HC05



position switch plastic enclosure according to EN 50047, 31 mm device connection 1 x (M20 x 1.5) 1 NO/1 NC quick-action contacts integrated (not replaceable) rounded plunger form B

product brand name	SIRIUS		
product designation	Mechanical position switches		
product type designation	3SE5		
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	IP65		
shock resistance			
• according to IEC 60068-2-27	30g / 11 ms		
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	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 force in directions of actuation	20 N		
length of the sensor	75.7 mm		
width of the sensor	31 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		
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			

 at 120 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		
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		
Drive Head			
design of the actuating element	Rounded plunger, plastic plunger		
standard-compliant actuator head	EN 50047, design B		
shape of the switch head	rounded		
design of the switching function	positive opening, integrated		
circuit principle	snap-action contacts		
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			
• 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)		
design of the interface for safety-related communication	without		
Communication/ Protocol			
design of the interface	without		
Approvals Certificates			

General Product Approval









Confirmation



General Product Approval Functional Saftey Test Certificates other Environment

<u>KC</u>





Type Test Certificates/Test Report

Confirmation

Environmental Confirmations

Further information

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=3SE5232-0HC05

Cax online generator

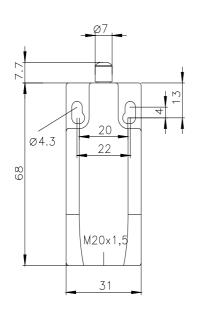
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0HC05

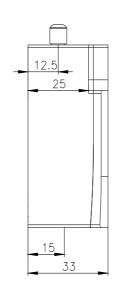
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

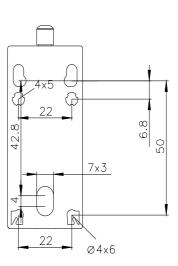
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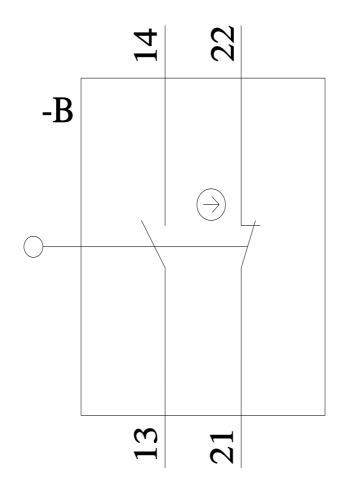
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0HC05&lang=en









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