## **SIEMENS**

Product data sheet 3SE5232-0LC05



SIRIUS POSITION SWITCH;
PLASTIC HOUSING ACC. TO EN50047,
31MM DEVICE CONNECTION 1X (M20X1.5);
1NO/2NC SNAP-ACTION CONTACTS TEFLON PLUNGER

• of the basic unit included in the scope of supply

3SE5232-0LC05

General technical data:			
Product designation		standard position switch	
Explosion protection category for dust		none	
Insulation voltage			
rated value	V	400	
Degree of pollution		class 3	
Thermal current	Α	6	
Operating current			
• at AC-15			
• at 24 V / rated value	Α	6	
• at 125 V / rated value	Α	6	
• at 230 V / rated value	Α	1.5	
• at DC-13			
• at 24 V / rated value	Α	3	
• at 125 V / rated value	Α	0.55	
• at 230 V / rated value	Α	0.27	
Continuous current			
• of the slow DIAZED fuse link	Α	6	

Of the C characteristic circuit breaker  A 1  Mechanical operating cycles as operating time  Typical  Electrical operating cycles as operating time  Twith contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / 3RT1026	a of the guide DIAZED force link	^	10
Mechanical operating cycles as operating time  • typical  Electrical operating cycles as operating time  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical  • at AC-15 / at 230 V / typical  • at AC-15 / at 230 V / typical  Electrical operating cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / sqrting cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026  Repeat accuracy  Design of the contact element  Number of NC contacts  • for auxiliary c	of the quick DIAZED fuse link	A	10
		А	1
Electrical operating cycles as operating time  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical  • at AC-15 / at 230 V / typical  Electrical operating cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repat accuracy  mm			
with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical			15,000,000
*at AC-15 / At 230 V / typical  Electrical operating cycles in one hour  *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy  mm 0.05  Repeat accuracy  mm 0.05  Repeat accuracy  mm 0.05  Repeat accuracy  positive opening  Number of NC contacts  *for auxiliary cont			
Electrical operating cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy  Design of the contact element  Number of NC contacts  • for auxiliary contacts  • for design of the switching function  Number of NC contacts  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for auxiliary contacts  • for dividing contacts  • for auxiliary contacts  • for dividing contacts  • for dividing operating  • during operating  • during operating  • for dimensions  Product specification  • for dimensions  Width of the sensor  mm 31  Material  • of the enclosure of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  N 20  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  S = 6,000  6,000  mm 0.05  snap-action contacts  nm 0.05  0.05  snap-action contacts  1  1  0.35 mm/5g  30g/11 ms  30g/11 ms  40g/11 m			10,000,000
- with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy  Design of the contact element  Number of NC contacts  - for auxiliary contacts  - for dimense temperature  - during operating - during operating - for dimensions  - Width of the sensor  - Material - of the enclosure of the switch head - plastic  - Material of the enclosure of the switch head - plastic  - Material of the enclosure of the switch head - plastic  - Material force of in activation direction - For dimensions  - For dimensions  - For dimensions - For dimensions - En 50047  - Width of the enclosure of the switch head - plastic - plastic - plastic - months of months of the enclosure of the switch head - plastic - months of months of the enclosure of the switch head - plastic - months of months of the enclosure of the switch of the enclosure of the switch head - plastic - months of months of the enclosure of the switch of the enclosure of the switch of the enclosure of the switch head - plastic - for dimensions - For dimensions - For dimensions - For dimensions - The form of the enclosure of the switch head - plastic - for dimensions - for d	• at AC-15 / at 230 V / typical		100,000
Repeat accuracy mm 0.05  Design of the contact element snap-action contacts  *for auxiliary contacts  *Resistance against vibration  Resistance against shock  Ambient temperature  *during operating  *C 25+85  *during storage  *C 40+90  Product specification  *for dimensions  *EN 50047  Width of the sensor  mm 31  Material  *of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  Minimum actuating force / in activation direction  Protection class IP  mounting position  Design of the electrical connection  Reference code  *according to DIN 40719 extended according to IEC 204-2  **Secretary State of the sensor  **To United the contact of the sensor  **To United the electrical connection  **To United the el	Electrical operating cycles in one hour		
Design of the contact element  Number of NC contacts  • for auxiliary contacts  Design of the switching function  Number of NO contacts  • for auxiliary contacts  Resistance against vibration  Resistance against shock  Ambient temperature  • during operating • during storage • "C -25 +85 • during storage • "C -40 +90  Product specification • for dimensions  Interval of the enclosure  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  0.1 1.5  Minimum actuating force / in activation direction  N 20  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code • according to DIN 40719 extended according to IEC 204-2  S series in auxiliary contacts  2  positive opening  positive opening  positive opening  0.35 mm / 5g  30g / 11 ms  1  1  0.35 mm / 5g  30g / 11 ms  30g / 11 ms  30g / 11 ms  40uring 5g  40uring 5g  40uring 5g  40uring 5g  40uring 5g  40uring 5g  40uring 40uring 5g  40uring 40uring 5g  40uring 40			6,000
Number of NC contacts  * for auxiliary contacts  Design of the switching function  Number of NO contacts  * for auxiliary contacts  1 0.35 mm / 5g  Resistance against vibration  Resistance against vibration  Resistance against shock  Ambient temperature  • during operating • during storage  * C -25 +85  • during storage  * C -40 +90  Product specification • for dimensions  Width of the sensor  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Reference code • according to DIN 40719 extended according to IEC 204-2  Positive opening  positive opening  0 0.35 mm / 5 g  V 0.4 +90  Positive opening  1 1  0 +85  -40 +90  Positive opening  1 2  -25 +85  -40 +90  Positive opening  1 2  -25 +85  -40 +90  Positive opening  -40 +90  Positive opening  -40 +90  -40 +9	Repeat accuracy	mm	0.05
• for auxiliary contacts  Design of the switching function Number of NO contacts • for auxiliary contacts  • for auxiliary contacts  Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage • "C -25 +85 • during storage • "C -40 +90  Product specification • for dimensions  Width of the sensor  mm 31  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code • according to DIN 40719 extended according to IEC 204-2  S   1  1  1  1  1  1  1  1  1  1  1  1	Design of the contact element		snap-action contacts
Design of the switching function  Number of NO contacts  • for auxiliary contacts  Resistance against vibration  Resistance against vibration  Resistance against shock  Ambient temperature • during operating • during storage  Product specification • for dimensions  Width of the sensor  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  Actuating speed  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code • according to DIN 40719 extended according to IEC 204-2  S  1  0.35 mm / 5g  30g / 11 ms  30g / 11 ms  10.35 mm / 5g  20.40 +90  Prod	Number of NC contacts		
Number of NO contacts	for auxiliary contacts		2
* for auxiliary contacts  Resistance against vibration  Resistance against shock  Ambient temperature      * during operating     * C	Design of the switching function		positive opening
Resistance against vibration  Resistance against shock  Ambient temperature  • during operating • during storage  Product specification • for dimensions  Width of the sensor  Material • of the enclosure  Material/ of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Reference code • according to DIN 40719 extended according to IEC 204-2  **Os minimum actual on glastic consecution  **C -25 +85  **Oc -40 +90  EN 50047  **EN 50047  **Minimum 31  **EN 50047  **In Minimum 31  **En 50047  **In Minimum 41  **En 500	Number of NO contacts		
Resistance against shock  Ambient temperature  • during operating  • during storage  Product specification  • for dimensions  Width of the sensor  Material  • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  S  **C	for auxiliary contacts		1
Ambient temperature  • during operating • during storage  Product specification • for dimensions  EN 50047  Width of the sensor  mm 31  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code • according to DIN 40719 extended according to IEC 204-2  S  Cado according to DIN 40719 extended according to IEC 204-2	Resistance against vibration		0.35 mm / 5g
during operating     during storage     C -25 +85     -40 +90  Product specification     for dimensions     EN 50047  Width of the sensor     mm 31  Material     of the enclosure     plastic  Material / of the enclosure / of the switch head  Design of the operating mechanism     Actuating speed     mm/s / m/s  Minimum actuating force / in activation direction     N 20  Protection class IP     mounting position     Cable gland version  Design of the electrical connection  Reference code     *according to DIN 40719 extended according to IEC 204-2  S	Resistance against shock		30g / 11 ms
• during storage     Product specification     • for dimensions     EN 50047  Width of the sensor     mm 31  Material     • of the enclosure     Material / of the enclosure / of the switch head     Design of the operating mechanism     Actuating speed    mm/s / m/s 0.1 1.5  Minimum actuating force / in activation direction    N 20  Protection class IP	Ambient temperature		
Product specification • for dimensions  Width of the sensor  mm 31  Material • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  Minimum actuating force / in activation direction  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  Reference code • according to DIN 40719 extended according to IEC 204-2  S  EN 50047  mm 31  EN 50047  Plastic  plastic  teflon plunger  to 1 1.5  N 20  IP65  any  Cable gland version  Screw-type terminals	during operating	°C	-25 +85
For dimensions	during storage	°C	-40 +90
Width of the sensor     mm     31       Material     plastic       Material / of the enclosure / of the switch head     plastic       Design of the operating mechanism     teflon plunger       Actuating speed     mm/s / m/s     0.1 1.5       Minimum actuating force / in activation direction     N     20       Protection class IP     IP65       mounting position     any       Cable gland version     1x (M20 x 1.5)       Design of the electrical connection     screw-type terminals       Reference code     eaccording to DIN 40719 extended according to IEC 204-2     S	Product specification		
Material  • of the enclosure  Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s  0.1 1.5  Minimum actuating force / in activation direction  N  20  Protection class IP  IP65  mounting position  Cable gland version  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  S  plastic  pla	• for dimensions		EN 50047
• of the enclosure plastic  Material / of the enclosure / of the switch head plastic  Design of the operating mechanism teflon plunger  Actuating speed mm/s / m/s 0.1 1.5  Minimum actuating force / in activation direction N 20  Protection class IP IP65  mounting position any  Cable gland version 1x (M20 x 1.5)  Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2 S	Width of the sensor	mm	31
Material / of the enclosure / of the switch head  Design of the operating mechanism  Actuating speed mm/s / m/s 0.1 1.5  Minimum actuating force / in activation direction N 20  Protection class IP IP65  mounting position any  Cable gland version 1x (M20 x 1.5)  Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2 S	Material		
Design of the operating mechanism  Actuating speed mm/s / m/s 0.1 1.5  Minimum actuating force / in activation direction N 20  Protection class IP IP65  mounting position any  Cable gland version 1x (M20 x 1.5)  Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2 S	of the enclosure		plastic
Actuating speed mm/s / m/s 0.1 1.5  Minimum actuating force / in activation direction N 20  Protection class IP IP65  mounting position any  Cable gland version 1x (M20 x 1.5)  Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2 S	Material / of the enclosure / of the switch head		plastic
Minimum actuating force / in activation direction  Protection class IP  IP65  mounting position  Cable gland version  1x (M20 x 1.5)  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  S	Design of the operating mechanism		teflon plunger
Protection class IP  mounting position  Cable gland version  1x (M20 x 1.5)  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  IP65  any  1x (M20 x 1.5)  screw-type terminals	Actuating speed	mm/s / m/s	0.1 1.5
mounting position  Cable gland version  1x (M20 x 1.5)  Design of the electrical connection  Reference code  • according to DIN 40719 extended according to IEC 204-2  S	Minimum actuating force / in activation direction	N	20
Cable gland version 1x (M20 x 1.5)  Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2	Protection class IP		IP65
Design of the electrical connection screw-type terminals  Reference code  • according to DIN 40719 extended according to IEC 204-2  S	mounting position		any
Reference code  • according to DIN 40719 extended according to IEC 204-2  S	Cable gland version		1x (M20 x 1.5)
• according to DIN 40719 extended according to IEC 204-2	Design of the electrical connection		screw-type terminals
	Reference code		
• according to DIN EN 61346-2	<ul> <li>according to DIN 40719 extended according to IEC 204-2</li> </ul>		S
	according to DIN EN 61346-2		В

## **Certificates/ approvals:**

## **General Product Approval**

Declaration of Conformity

**Test Certificates** 









Special Test Certificate

other

Confirmation

Vibration Test Certificates

## Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrial-controls/mall

Cax online generator

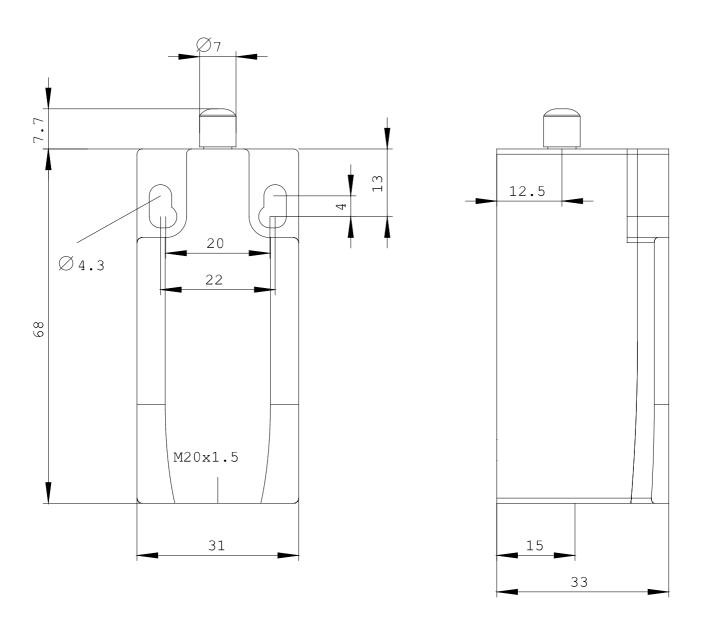
http://www.siemens.com/cax

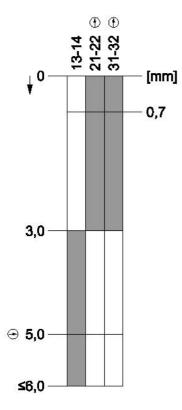
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5232-0LC05/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5232-0LC05





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