## **SIEMENS**

Product data sheet 3SE5232-0RV40



SAFETY POS. SWITCH W. SEPARATE ACTUATOR, PLASTIC ENCLOSURE, 31MM; 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+1NC, 5 DIRECTIONS OF APPROACH, THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. IS TO BE ORDERED SEPARATELY

General technical details:				
Product designation		position switch with separate actuator		
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 quick DIAZED fuse link	Α	10		
of the C characteristic circuit breaker	Α	2		

*typical 1,000,000  Electrical operating cycles as operating time  * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 100,000  Electrical operating cycles in one hour  * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy mm 0.05  Repeat accuracy mm 0.05  Design of the contact element slow-action accuracy positive of the switching function positive of the switching function number of NC contacts  * for auxiliary contacts  *	
with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical      * at AC-15 / at 230 V / typical      * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy      * with contact element  Number of NC contacts      * for auxiliary contacts      * for auxili	
*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  Repeat accuracy  Design of the contact element  Number of NC contacts  *for auxiliary contacts  1  Design of the switching function  Number of NO contacts  *for auxiliary contacts  1  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  *mm/s / m/s	
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  1 positive of Number of NO contacts  * for auxiliary contacts  * for auxiliary contacts  1 contacts  * for auxiliary contacts  * for auxiliary contacts  * for auxiliary contacts  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  * Contacts  * 6,000  6,000  6,000  * mm  0.05  * low-action  * low-action  * positive of the solowite of the switch head  * plastic  * plastic  * mm/s / m/s  * 5 director of mm/s / m/s  * 0.4 0.5	0
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy mm 0.05  Design of the contact element slow-action  Number of NC contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts  1 positive of NUmber of NO contacts • for auxiliary contacts • for auxiliary contacts  1 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 housing / of the switch head  Design of the operating mechanism  Actuating speed  mm 0.05  1  0.05  EN 50047  EN 50047  For dimensions  Solicetion  plastic  plastic  Temples of the operating mechanism  5 direction  mm/s / m/s  0.4 0.5	
Repeat accuracy  Design of the contact element  Number of NC contacts • for auxiliary contacts  1 positive of NUmber of NO contacts • for auxiliary contacts  1 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 housing / of the switch head  Design of the contact element  slow-action  1  1  1  1  1  1  1  1  1  1  1  1  1	
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Number of NC contacts  • for auxiliary contacts  Design of the switching function  Number of NO contacts  • for auxiliary contacts  • for auxiliary contacts  1  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  1  1  0.35 mm /  1  1  1  1  1  1  1  1  1  1  1  1  1	
• for auxiliary contacts  Design of the switching function  Number of NO contacts • for auxiliary contacts  1  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  1  positive of positive of positive of positive of the switch head  positive of the positive of the switch of the switch head  positive of the positive of the switch of the switch head  mm/s / m/s 0.4 0.5	n contacts
Design of the switching function       positive of No contacts         • for auxiliary contacts       1         Resistance against vibration       0.35 mm /         Resistance against shock       30g / 11 m         Ambient temperature       °C -25 +85         • during operating       °C -25 +85         • during storage       °C -40 +90         Product specification       EN 50047         • for dimensions       EN 50047         Width of the sensor       mm       31         Material       • of the enclosure       plastic         Material / of the housing / of the switch head       plastic         Design of the operating mechanism       5 direction         Actuating speed       mm/s / m/s       0.4 0.5	
Number of NO contacts  • for auxiliary contacts  Resistance against vibration  Resistance against shock  Ambient temperature  • during operating  • during storage  Product specification  • for dimensions  EN 50047  Width of the sensor  Material  • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed    1   0.35 mm / 0   0.30 / 11 m / 0   0.35 mm / 0   0.4 +90	
• for auxiliary contacts  Resistance against vibration  Resistance against shock  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  1 0.35 mm /  30g / 11 m  0 °C -25 +88  0 °C -40 +90  EN 50047  Find the sensor  mm 31  Actuating speed	pening
Resistance against vibration  Resistance against shock  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 housing / of the switch head  Design of the operating mechanism  Actuating speed  0.35 mm / 30g / 11 m / 30g	
Resistance against shock  Ambient temperature  • during operating  • during storage  Product specification  • for dimensions  Width of the sensor  Material  • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  30g / 11 m  4 c	
Ambient temperature  • during operating • during storage  • during storage  • C -25 +86  • C -40 +90  Product specification • for dimensions  EN 50047  Width of the sensor  mm 31  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  plastic  mm/s / m/s 0.4 0.5	5g
<ul> <li>during operating</li> <li>during storage</li> <li>C -25 +88</li> <li>during storage</li> <li>C -40 +90</li> </ul> Product specification <ul> <li>for dimensions</li> <li>EN 50047</li> </ul> Width of the sensor <ul> <li>mm 31</li> </ul> Material <ul> <li>of the enclosure</li> <li>plastic</li> </ul> Material / of the housing / of the switch head <ul> <li>plastic</li> </ul> Design of the operating mechanism <ul> <li>5 direction</li> <li>Actuating speed</li> <li>mm/s / m/s</li> <li>0.4 0.5</li> </ul>	ns
<ul> <li>during storage</li> <li>C -40 +90</li> <li>Product specification</li> <li>for dimensions</li> <li>EN 50047</li> <li>Width of the sensor</li> <li>mm 31</li> <li>Material</li> <li>of the enclosure</li> <li>plastic</li> <li>Material / of the housing / of the switch head</li> <li>plastic</li> <li>Design of the operating mechanism</li> <li>5 direction</li> <li>Actuating speed</li> <li>mm/s / m/s</li> <li>0.4 0.5</li> </ul>	
Product specification • for dimensions  EN 50047  Width of the sensor  mm 31  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  mm/s / m/s 0.4 0.5	i
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Width of the sensor mm 31  Material  • of the enclosure plastic  Material / of the housing / of the switch head plastic  Design of the operating mechanism 5 direction  Actuating speed mm/s / m/s 0.4 0.5	
Material       • of the enclosure       plastic         Material / of the housing / of the switch head       plastic         Design of the operating mechanism       5 direction         Actuating speed       mm/s / m/s       0.4 0.5	
• of the enclosure plastic  Material / of the housing / of the switch head plastic  Design of the operating mechanism 5 direction  Actuating speed mm/s / m/s 0.4 0.5	
Material / of the housing / of the switch head plastic  Design of the operating mechanism 5 direction  Actuating speed mm/s / m/s 0.4 0.5	
Design of the operating mechanism 5 direction  Actuating speed mm/s / m/s 0.4 0.5	
Actuating speed mm/s / m/s 0.4 0.5	
	s of approach
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	e terminals
Manufacturer article number	

of the optional actuators	ac rac ac 3S 0A	SE5000-0AV01 standard actuator, 3SE5000-0AV02 ctuator with vertical mounting, 3SE5000-0AV03 ctuator with horizontal mounting, 3SE5000-0AV04 adius actuator left, 3SE5000-0AV05 universal ctuator, 3SE5000-0AV06 radius actuator right, SE5000-0AV07 heavy-duty actuator, 3SE5000-AW11 plastic actuator, 3SE5000-0AW21 stainless teel actuator
Item designation		
<ul> <li>according to DIN 40719 extendable after IEC 204-2</li> </ul>	S	
according to DIN EN 61346-2	В	

## Certificates/approvals:

**General Product Approval** 

Functional Safety / Safety of Machinery Declaration of Conformity **Test Certificates** 











Special Test Certificate

other

Confirmation

## **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:

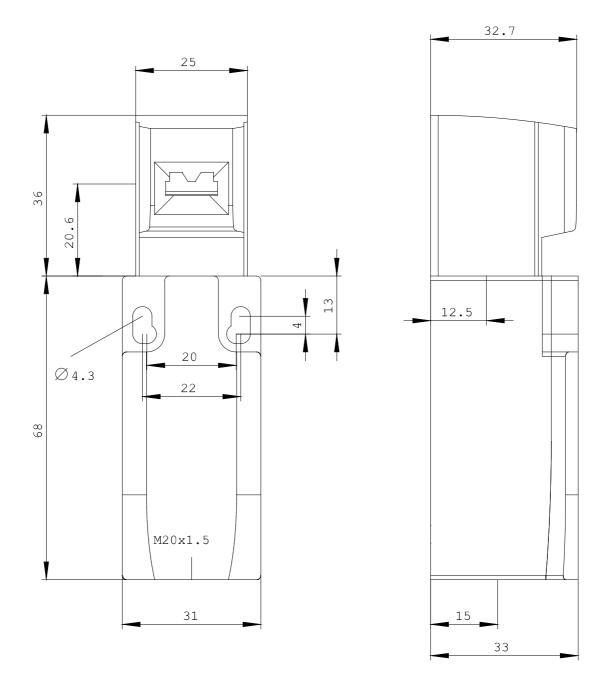
http://www.siemens.com/cax

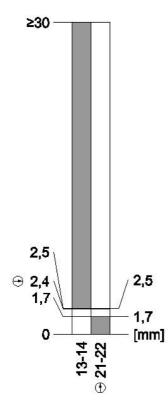
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5232-0RV40/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5232-0RV40





last change: Jan 18, 2014