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 data:				
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		

• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 • at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 • for a	Mechanical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 • at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 6,000 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 • for a	• typical		1,000,000
### AC-15 / 1a 230 V / typical ### Electrical operating cycles in one hour * with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy #### Mm ### 0.05 Besign of the contact element Number of NC contacts * for auxiliary contacts * for auxiliary contacts Ambient temperature * during operating * during storage * C	Electrical operating cycles as operating time		
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 during operating • °C • 25 +85 • during operating • °C • 40 +90 Product specification • for dimensions EN 50047 Width of the sensor mm 31 whaterial • of the enclosure Material / of the enclosure / of the switch head Design of the operating mechanism Actuating speed mmr/s / m/s 0.4 0.5 Minimum actuating force / in activation direction N 20 Protection class IP mounting position Cable gland version Design of the electrical connection in (N) (N) 20 Cable gland version Design of the electrical connection			10,000,000
*with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy mm 0.05 Design of the contact element Number of NC contacts *for auxiliary contacts	• at AC-15 / at 230 V / typical		100,000
ART1026 mm 0.05 Repeat accuracy mm 0.05 Design of the contact element slow-action contacts Number of NC contacts 1 • for auxiliary contacts 1 • during operating °C -25 +85 • during operating °C -25 +85 • during operating storage °C -40 +90 Product specification EN 50047 Width of the sensor mm 31 Material • of the enclosure / of the switch head plastic Design of the operating mechanism 5 directions of approach	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 Product specification • for dimensions Width of the sensor In ma Material • of the enclosure Material / of the enclosure / of the switch head Design of the operating mechanism Actuating speed In mm/s / m/s Actuating speed In mm/s / m/s Protection class IP mounting position Cable gland version Design of the electrical connection In (M20 x 1.5) screw-type terminals			6,000
Number of NC contacts • for auxiliary contacts Design of the switching function Number of NO contacts • for auxiliary contacts • for auxiliary contacts • for auxiliary contacts 1 Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage Product specification • for dimensions Find 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 Design of the electrical connection Design of the electrical connection Positive opening 1 1 1 1 1 1 1 1 1 1 1 1 1	Repeat accuracy	mm	0.05
* for auxiliary 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 * C	Design of the contact element		slow-action contacts
Design of the switching function positive opening Number of NO contacts 1 * for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature **C * during operating **C -25 +85 * during storage **C -40 +90 Product specification EN 50047 * for dimensions mm 31 Material plastic * of the enclosure plastic Material / of the enclosure / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed mm/s / m/s 0.4 0.5 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	Number of NC contacts		
Number of NO contacts • for auxiliary contacts • for auxiliary contacts Resistance against vibration 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 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 Protection connection N (M20 x 1.5) Screw-type terminals	for auxiliary contacts		1
• for auxiliary contacts Resistance against vibration Resistance against shock Ambient temperature • during operating • during storage • 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 1 0.35 mm / 5g 30g / 11 ms 0.35 mm / 5g -25 +85 -40 +90 PC -25 +85 -40 +90 PC -40 +90 PN 19 plastic pl	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 Minimum actuating force / in activation direction Protection class IP mounting position Cable gland version Design of the electrical connection O .35 mm / 5g 30g / 11 ms 40 +85 -25 +85 -40 +90 PN 5047 EN 50047 Width of the sensor mm 31 Fin Source plastic plasti	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 Makerial / of the electrical connection Ambient description Support description Actuating speed Actuating s	for auxiliary contacts		1
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 Metring storage C -25 +85 -40 +90 Poc -40	Resistance against vibration		0.35 mm / 5g
 during operating during storage C -25 +85 C -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 plastic Design of the operating mechanism for dimensions of the enclosure mm/s / m/s of directions of approach Actuating speed mm/s / m/s 0.4 0.5 Minimum actuating force / in activation direction N 20 Protection class IP ple65 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals 	Resistance against shock		30g / 11 ms
• during storage • during storage Product specification • for dimensions EN 50047 Width of the sensor mm 31 Material • of the enclosure Material / of the enclosure / plastic 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 o	Ambient temperature		
Product specification • for dimensions EN 50047 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 Design of the electrical connection EN 50047 EN 50047 Mmm 31 At in the plastic plastic plastic 5 directions of approach N 20 IP65 any 1x (M20 x 1.5) Design of the electrical connection	during operating	°C	-25 +85
• 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 EN 50047 mm 31 plastic plast	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 5 directions of approach Actuating speed mm/s / m/s 0.4 0.5 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	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 0.4 0.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 mounting position Cable gland version Design of the electrical connection N screw-type terminals	• for dimensions		EN 50047
• of the enclosure plastic Material / of the enclosure / of the switch head plastic Design of the operating mechanism 5 directions of approach Actuating speed mm/s / m/s 0.4 0.5 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	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 0.4 0.5 Minimum actuating force / in activation direction N 20 Protection class IP IP65 mounting position Cable gland version 1x (M20 x 1.5) Design of the electrical connection	Material		
Design of the operating mechanism Actuating speed mm/s / m/s 0.4 0.5 Minimum actuating force / in activation direction N 20 Protection class IP mounting position Cable gland version Design of the electrical connection screw-type terminals	of the enclosure		plastic
Actuating speed mm/s / m/s 0.4 0.5 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	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 Sometimes of the electrical connection N 20 IP65 any 1x (M20 x 1.5) screw-type terminals	Design of the operating mechanism		5 directions of approach
Protection class IP IP65 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals	Actuating speed	mm/s / m/s	0.4 0.5
mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals	Minimum actuating force / in activation direction	N	20
Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals	Protection class IP		IP65
Design of the electrical connection screw-type terminals	mounting position		any
	Cable gland version		1x (M20 x 1.5)
Manufacturer article number	Design of the electrical connection		screw-type terminals
	Manufacturer article number		

of the optional actuators	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator
Reference code	
 according to DIN 40719 extended according to IEC 204-2 	S
according to DIN EN 61346-2	В

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates of

other







Special Test Certificate 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

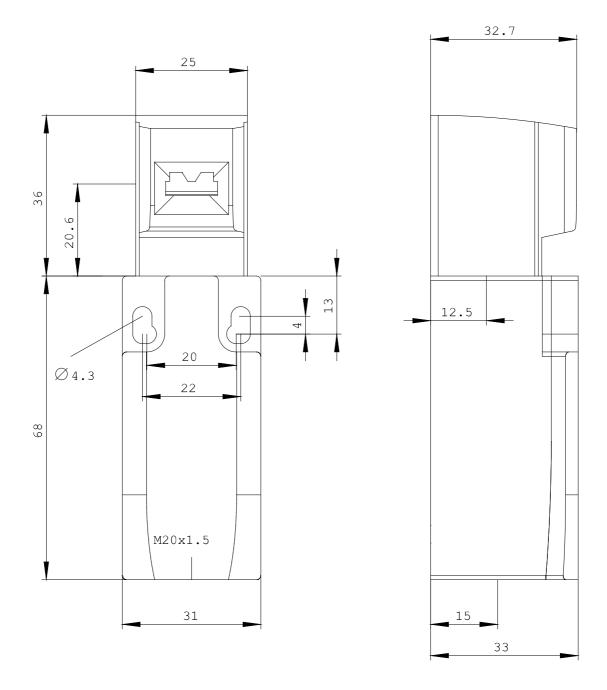
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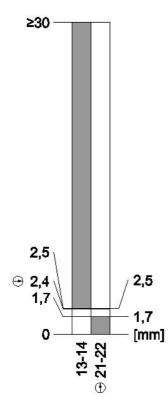
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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





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