## **SIEMENS**

Product data sheet 3SE5322-0SJ23



SAFETY POSITION SWITCHES WITH SOLENOID INTERLOCKING LOCK. FORCE 1300N,5 APPR. DIR. PLASTIC ENCLOSURE,3X(M20X1.5) SPRING-LOCKED, EMERGENCY RELEASE ON REAR A. AUXILIARY RELEASE ON FRONT, MAGNET VOLTAGE 230V AC, MONITOR. OF ACTUATOR 2NC/1NO, MONITOR. OF MAGNET 2NC/1NO

General technical details:					
Explosion protection category for dust		none			
Supply voltage					
of the magnet coil	V	230			
Relative ON period					
of the magnet coil	%	100			
Recorded real power					
of the magnet coil	W	3.5			
Insulation voltage					
• rated value	V	250			
Degree of pollution		class 3			
Thermal current	A	6			
Operating current					
• at AC-15					
• at 24 V / rated value	Α	6			
• at 125 V / rated value	Α	3			
• at 230 V / rated value	Α	1.5			
• at DC-13					
• at 24 V / rated value	Α	3			
• at 125 V / rated value	А	0.55			

Continuous current  • of the slow DIAZED fuse link • of the quick DIAZED fuse link • of the quick DIAZED fuse link • of the Quick DIAZED fuse link • of the Characteristic circuit breaker  A 0.5  Mechanical operating cycles as operating time • whit centactor SRH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT10264 SRT1025, SRT10265 SRT10264 SRT1017, SRT10124, SRT1025, SRT10265 SRT1026	• at 230 V / rated value	Α	0.27
• of the Quick DIAZED fuse link • of the C characteristic circuit breaker Mechanical operating cycles as operating time / typical Electrical operating sycles as operating time • with contacts 78HH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1026, 3RT1026, 3RT1026 / typical Electrical operating cycles in one hour • with contactor 3RHH1, 3RT1016, 3RT1017, 3RT1024, 3RT1026, 3RT1026, 3RT1026 / typical Electrical operating cycles in one hour • with contacted element  Number of NC contacts • for the position surveillance of the locking element  Number of NC contacts • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • for the position surveillance of the activation element • during operating • during operati	Continuous current		
• of the C characteristic circuit breaker  Mechanical operating cycles as operating time / typical Electrical operating cycles as operating time  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical  Electrical operating cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028 /	• of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time / typical   1,000,000	of the quick DIAZED fuse link	Α	10
Electrical operating cycles as operating time  *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical  Electrical operating cycles in one hour  *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025, 3RT1026  Repeat accuracy  mm 0.05  Repeat accuracy  mm 0.05  Posign of the contact element  Number of NC contacts  *for the position surveillance of the locking element  *for the position surveillance of the activation element  *for the position surveillance of the locking element  *for the position surveillance of the locking element  *for the position surveillance of the activation element  *for the position surveillance  *for the switching function  Resistance against vibration  *for the switching function  Resistance against vibration  *for the switching function  *for th	of the C characteristic circuit breaker	Α	0.5
with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical   Electrical operating cycles in one hour	Mechanical operating cycles as operating time / typical		1,000,000
Bit circlaid operating cycles in one hour  • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026  Repeat accuracy  mm 0.05  Resign of the contact element  Number of NC contacts  • for the position surveillance of the locking element  • for the position surveillance of the activation element  Number of NC contacts  • for the position surveillance of the locking element  • for the position surveillance of the activation element  Number of NC contacts  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance  • auting operating  • could be switch temperature  • during operating  • during storage  • could be activated by the switch temperature  • during operating  • during storage  • could be activated by the switch temperature  • during operating  • for the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  • for the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  • for the enclosure  Minimum actuating force  N 30  Protection class IP  mounting position  any  Cable gland version  Serew-type terminals	Electrical operating cycles as operating time		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026         6,000           Repeat accuracy         mm         0.05           Design of the contact element         slow-action contacts           • for the position surveillance of the locking element         2           Number of NC contacts • for the position surveillance of the activation element         2           Number of NO contacts • for the position surveillance of the locking element         1           Number of NO contacts • for the position surveillance of the activation element         1           Design of the switching function         positive opening           Resistance against vibration         0.35 mm / 5g           Resistance against vibration         30g / 11 ms           Ambient temperature • during operating • during storage         *C         -25 +60           Vidth of the sensor         mm         54           Material • of the enclosure         plastic           Material / of the housing / of the switch head         plastic           Design of the operating mechanism         5 directions of approach           Actuating speed         m/s         0.4 1.5           Minimum actuating force         N         30           Protection class IP         IP65/IP67           mounting position         3 x (M20 x 1.5) <td></td> <td></td> <td>1,000,000</td>			1,000,000
Repeat accuracy Design of the contact element Number of NC contacts • for the position surveillance of the locking element  Number of NC contacts • for the position surveillance of the activation element  Number of NC contacts • for the position surveillance of the locking element  Number of NO contacts • for the position surveillance of the locking element  Number of NO contacts • for the position surveillance of the locking element  Number of NO contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the activation element  1  Design of the switching function  Autional temperature • during operating • during storage  Number of NO contacts • for the enclosure  Number of NO contacts • for the enclosure  Number of NO contacts • for the enclosure  Number of NO contacts • for the position function  Number of NO contacts • for the position  Number of NO contacts • for the position contacts  Number of NO contacts • for the position contacts  Number of NO contacts • for the position contacts  Number of NO contacts • for the position contacts  Number of NO contacts • for the position contacts  1  Number of NO contacts • for the position contacts  Number of NO contacts • for the position contacts  1  Number of NO contacts • for the position contacts  1  Number of NO contacts  1  Numbe	Electrical operating cycles in one hour		
Design of the contact element  Number of NC contacts  • for the position surveillance of the locking element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the locking element  • for the position surveillance of the locking element  • for the position surveillance of the locking element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • for the position surveillance of the activation element  • during of the switching function  Resistance against vibration  Resistance against vibration  Ambient temperature  • during operating  • °C  • 40 +80  Width of the sensor  mm  • 4  Material  • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  m/s  O.4 1.5  Minimum actuating force  N  30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  screw-type terminals			6,000
Number of NC contacts • for the position surveillance of the locking element  Number of NC contacts • for the position surveillance of the activation element  **Number of NO contacts • for the position surveillance of the locking element  Number of NO contacts • for the position surveillance of the locking element  Number of NO contacts • for the position surveillance of the activation element  **Design of the switching function  Resistance against vibration  Resistance against vibration  Ambient temperature • during operating • during storage  **C -25 +60 • during storage  **C -40 +80  Width of the sensor  **Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  **Modernal force  N 30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  **Society-type terminals  **Cevery type terminals	Repeat accuracy	mm	0.05
* for the position surveillance of the locking element     Number of NC contacts     * for the position surveillance of the activation element     *	Design of the contact element		slow-action contacts
Number of NC contacts • for the position surveillance of the activation element  Number of NO contacts • for the position surveillance of the locking element  1  Number of NO contacts • for the position surveillance of the activation element  • for the position surveillance of the activation element  1  Design of the switching function  Resistance against vibration  Resistance against vibration  Resistance against shock  Ambient temperature • during operating • during storage  * C -25 +60 • during storage  Width of the sensor  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  N 30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  ### Actuation element  ### Actuation of the electrical connection  ### Actuation element  ### Actuation of the electrical connection  ### Actuation element  ### Actuation of the electrical connection  ### Actuation element  ### Actuation of the electrical connection  ### Actuation element  ### Actuation of the electrical connection  ### Actuation element	Number of NC contacts		
Number of NO contacts     • for the position surveillance of the locking element  Number of NO contacts     • for the position surveillance of the locking element  Number of NO contacts     • for the position surveillance of the activation element  Design of the switching function  Resistance against vibration  Resistance against vibration  Resistance against shock  Ambient temperature     • during operating     • during storage  Width of the sensor  Material     • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Mr/s  Minimum actuating force  N 30  Protection class IP  mounting position  Design of the electrical connection  Pick (M20 x 1.5)  screw-type terminals	for the position surveillance of the locking element		2
Number of NO contacts     * for the position surveillance of the locking element  Number of NO contacts     * for the position surveillance of the activation element  Design of the switching function  Resistance against vibration  Resistance against shock  Ambient temperature     * during operating     * during storage  Width of the sensor  Material     * of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  Minimum actuating force  Protection class IP  mounting position  Design of the electrical connection  Design of the electrical connection  Minimum actuating for the electrical connection  **C	Number of NC contacts		
*for the position surveillance of the locking element  Number of NO contacts     *for the position surveillance of the activation element  Design of the switching function  Resistance against vibration  Resistance against shock  Ambient temperature     *during operating     *during storage  Width of the sensor  Material     *of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  N 30  Protection class IP  mounting position  Design of the electrical connection  Design of the electrical connection  N 3 x (M20 x 1.5)  Design of the electrical connection	for the position surveillance of the activation element		2
Number of NO contacts  • for the position surveillance of the activation element  Design of the switching function  Resistance against vibration  Resistance against shock  Ambient temperature  • during operating • during storage  Width of the sensor  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  m/s  Material  Actuating speed  Minimum actuating force  N  30  Yes office in the position  N  Actuating position  Cable gland version  Design of the electrical connection  1  1  1  1  1  1  1  1  1  1  1  1  1	Number of NO contacts		
• for the position surveillance of the activation element  Design of the switching function  Resistance against vibration  Resistance against shock  Ambient temperature  • during operating • during storage  Width of the sensor  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  N  30g / 11 ms  **C	for the position surveillance of the locking element		1
Design of the switching function       positive opening         Resistance against vibration       0.35 mm / 5g         Resistance against shock       30g / 11 ms         Ambient temperature       C         • during operating       °C       -25 +60         • during storage       °C       -40 +80         Width of the sensor       mm       54         Material       plastic         • of the enclosure       plastic         Material / of the housing / of the switch head       plastic         Design of the operating mechanism       5 directions of approach         Actuating speed       m/s       0.4 1.5         Minimum actuating force       N       30         Protection class IP       IP65/IP67         mounting position       any         Cable gland version       3 x (M20 x 1.5)         Design of the electrical connection       screw-type terminals	Number of NO contacts		
Resistance against vibration  Resistance against shock  Ambient temperature  - during operating - during storage  Width of the sensor  Material - of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  Protection class IP  mounting position  Resistance against vibration  0.35 mm / 5g  30g / 11 ms  - 25 +60  - 40 +80  Width of the sensor  mm 54  Plastic  plastic  plastic  plastic  b directions of approach  Actuating speed  m/s  0.4 1.5  Minimum actuating force  N  30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  screw-type terminals	for the position surveillance of the activation element		1
Resistance against shock  Ambient temperature  • during operating  • during storage  © C -25 +60  • during storage  © C -40 +80  Width of the sensor  mm 54  Material  • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  m/s 0.4 1.5  Minimum actuating force  N 30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  3 x (M20 x 1.5)  Design of the electrical connection	Design of the switching function		positive opening
Ambient temperature  • during operating • during storage  © C -25 +60  • during storage  © C -40 +80  Width of the sensor  mm 54  Material • of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  m/s 0.4 1.5  Minimum actuating force  N 30  Protection class IP  mounting position  Cable gland version  Design of the electrical connection  **C -25 +60  -26 +80  **Path of the content of the	Resistance against vibration		0.35 mm / 5g
<ul> <li>during operating</li> <li>during storage</li> <li>C -25 +60</li> <li>C -40 +80</li> </ul> Width of the sensor <ul> <li>mm 54</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 directions of approach</li> </ul> Actuating speed <ul> <li>m/s</li> <li>0.4 1.5</li> </ul> Minimum actuating force <ul> <li>N 30</li> </ul> Protection class IP <ul> <li>IP65/IP67</li> </ul> mounting position <ul> <li>any</li> </ul> Cable gland version <ul> <li>3 x (M20 x 1.5)</li> </ul> Design of the electrical connection <ul> <li>screw-type terminals</li> </ul>	Resistance against shock		30g / 11 ms
<ul> <li>during storage</li> <li>C -40 +80</li> <li>Width of the sensor</li> <li>mm 54</li> <li>Material <ul> <li>of the enclosure</li> <li>plastic</li> </ul> </li> <li>Material / of the housing / of the switch head</li> <li>plastic</li> </ul> <li>Design of the operating mechanism</li> <li>5 directions of approach</li> <li>Actuating speed</li> <li>m/s 0.4 1.5</li> <li>Minimum actuating force</li> <li>N 30</li> <li>Protection class IP</li> <li>IP65/IP67</li> <li>mounting position</li> <li>any</li> <li>Cable gland version</li> <li>3 x (M20 x 1.5)</li> <li>Design of the electrical connection</li> <li>screw-type terminals</li>	Ambient temperature		
Width of the sensor mm 54  Material  of the enclosure plastic  Material / of the housing / of the switch head plastic  Design of the operating mechanism 5 directions of approach  Actuating speed m/s 0.4 1.5  Minimum actuating force N 30  Protection class IP IP65/IP67  mounting position any  Cable gland version 3 x (M20 x 1.5)  Design of the electrical connection screw-type terminals	during operating	°C	-25 +60
Material of the enclosure  Material / of the housing / of the switch head  Design of the operating mechanism  Actuating speed  Minimum actuating force  N  N  Outhor is a proach  N  N  Protection class IP  Mounting position  Cable gland version  Design of the electrical connection  Material  plastic  plastic  plastic  N  S directions of approach  N  N  N  N  N  N  N  N  N  N  N  N  N	during storage	°C	-40 +80
<ul> <li>of the enclosure</li> <li>Material / of the housing / of the switch head</li> <li>Design of the operating mechanism</li> <li>5 directions of approach</li> <li>Actuating speed</li> <li>m/s</li> <li>0.4 1.5</li> <li>Minimum actuating force</li> <li>N</li> <li>30</li> <li>Protection class IP</li> <li>IP65/IP67</li> <li>mounting position</li> <li>any</li> <li>Cable gland version</li> <li>3 x (M20 x 1.5)</li> <li>Design of the electrical connection</li> <li>screw-type terminals</li> </ul>	Width of the sensor	mm	54
Material / of the housing / of the switch headplasticDesign of the operating mechanism5 directions of approachActuating speedm/s0.4 1.5Minimum actuating forceN30Protection class IPIP65/IP67mounting positionanyCable gland version3 x (M20 x 1.5)Design of the electrical connectionscrew-type terminals	Material		
Design of the operating mechanism  Actuating speed  Minimum actuating force  N  30  Protection class IP  IP65/IP67  mounting position  Cable gland version  Design of the electrical connection  5 directions of approach  N  30  IP65/IP67  any  3 x (M20 x 1.5)  screw-type terminals	of the enclosure		plastic
Actuating speed m/s 0.4 1.5  Minimum actuating force N 30  Protection class IP IP65/IP67  mounting position any  Cable gland version 3 x (M20 x 1.5)  Design of the electrical connection screw-type terminals	Material / of the housing / of the switch head		plastic
Minimum actuating force  N 30  Protection class IP  IP65/IP67  mounting position  Cable gland version  Design of the electrical connection  N 30  IP65/IP67  any  3 x (M20 x 1.5)  screw-type terminals	Design of the operating mechanism		5 directions of approach
Protection class IP  mounting position  any  Cable gland version  Design of the electrical connection  IP65/IP67  any  3 x (M20 x 1.5)  screw-type terminals	Actuating speed	m/s	0.4 1.5
mounting position any  Cable gland version 3 x (M20 x 1.5)  Design of the electrical connection screw-type terminals	Minimum actuating force	N	30
Cable gland version       3 x (M20 x 1.5)         Design of the electrical connection       screw-type terminals	Protection class IP		IP65/IP67
Design of the electrical connection screw-type terminals	mounting position		any
	Cable gland version		3 x (M20 x 1.5)
Item designation	Design of the electrical connection		screw-type terminals
	Item designation		

 according to DIN 40719 extendable after IEC 204-2 / according to IEC 750

• according to DIN EN 61346-2

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В		

## Certificates/approvals:

**General Product Approval** 

Functional Safety / Safety of Machinery Declaration of Conformity













**Test Certificates** 

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:

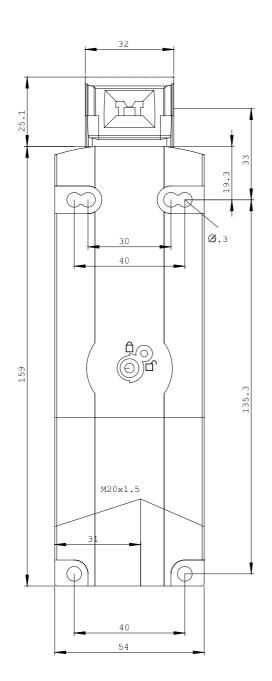
http://www.siemens.com/cax

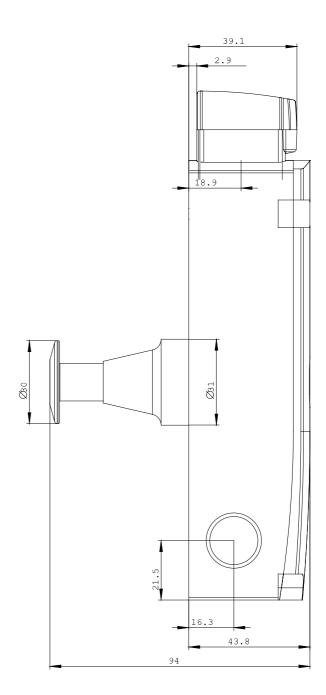
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

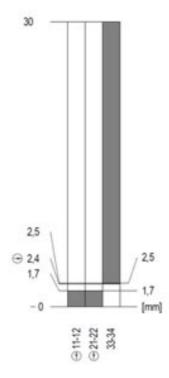
http://support.automation.siemens.com/WW/view/en/3SE5322-0SJ23/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3SE5322-0SJ23}$ 







last change: Jan 21, 2013