



Figure similar

SAFETY POS. SWITCH W. TUMBLER HIGH DEG. OF PROTECTION IP69,IEC 60529 LOCKING FORCE 1300N, 5 DIRECTIONS OF APPROACH PLASTIC ENCLOSURE, M12 CONNECTOR, ASI-SAFE INTEGRATED CH1 =ACTUATOR 2NC, ACC.TO 2-OUT-OF-2 EVALUATION, CH2=SOLENOID 1NC SPRING-LOCKED, ESCAPE RELEASE ON FRONT SOLENOID VOLTAGE 24 V DC/AC, MONITORING ACTUATOR 2NC/1NO, MONITORING SOLENOID 2NC/1NO, THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. MUST BE ORDERED SEPARATELY

Product designation	position switch with tumbler
Design of the product	with separate actuator and with tumbler
Manufacturer's article number • of the optional actuators	3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with transverse mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy duty actuator

General technical data	
Product function • positive opening	Yes
Insulation voltage • rated value	30 V
Degree of pollution	class 3
Surge voltage resistance rated value	0.8 kV
Protection class IP	IP65, IP67, IP69
Vibration resistance • acc. to IEC 60068-2-6	0.35 mm / 5g 0.35 mm/5g

Mechanical service life (switching cycles)	
• typical	1 000 000
Material of the enclosure of the switch head	plastic
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Locking force	1 300 N
• acc. to DIN EN ISO 14119	1 000 N
Repeat accuracy	0.1 mm
Minimum actuating force in activation direction	30 N

Enclosure

Design of the housing	special design
Material of the enclosure	plastic
Design of the housing acc. to standard	No

Drive Head

Design of the operating mechanism	5 directions of approach
Design of the switching function	positive opening
Number of actuation directions	5

Connections/Terminals

Type of electrical connection	M12 plug, fixed
--------------------------------------	-----------------

Mechanical data

Design of plug-in connection	M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI- , Pin 4 = not assigned
Locking mechanism design	spring-actuated lock (closed-circuit principle) escape release from the front

Communication/ Protocol

Design of the interface	M12 plug, fixed
--------------------------------	-----------------

Ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +80 °C

Supply voltage

Supply voltage of magnet coil	24 V
--------------------------------------	------

Installation/ mounting/ dimensions

Mounting position	any
Mounting type	screw fixing

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	other
--------------------------	---------------------------------------	-------



[Baumusterprüfbescheinigung](#)

[Bestätigungen](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SF1324-1SF21-1BK4>

Cax online generator

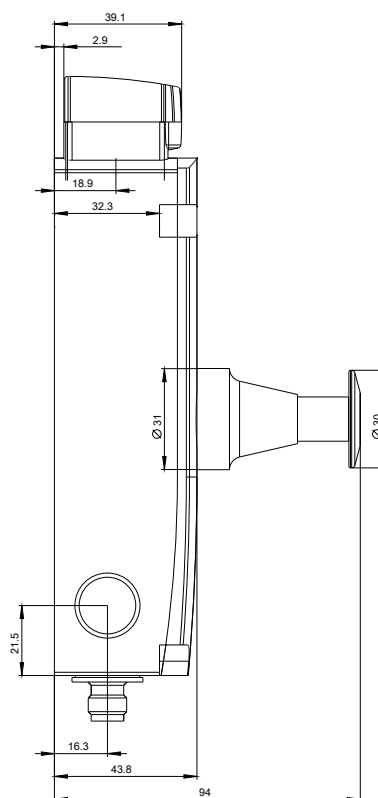
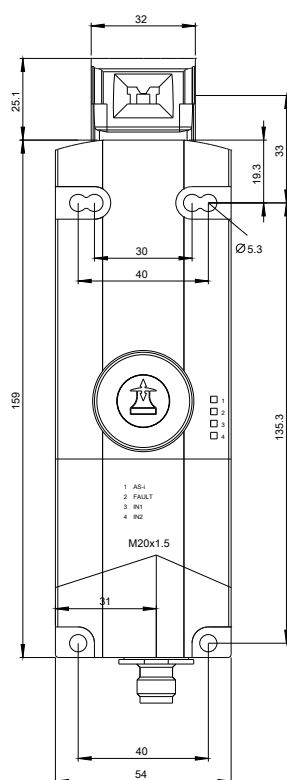
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SF1324-1SF21-1BK4>

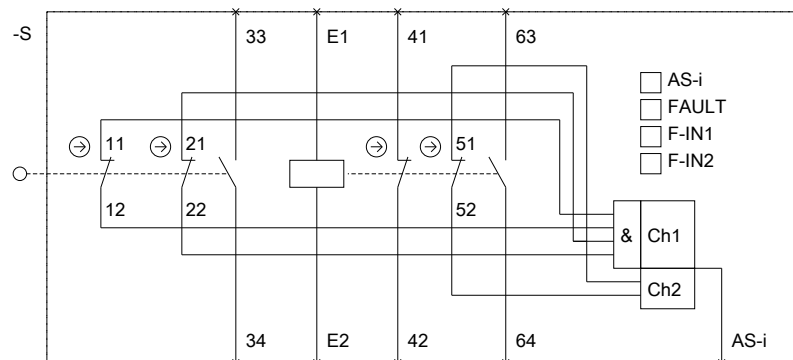
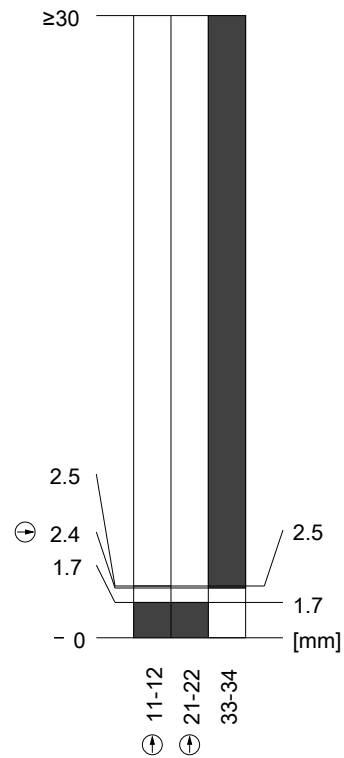
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SF1324-1SF21-1BK4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SF1324-1SF21-1BK4&lang=en





last modified:

10/07/2016