SIEMENS

Data sheet 3SE5234-0HD03-1AC4



Position switch Plastic enclosure according to DIN EN 50047, 31 mm 1 NO/1 NC quick action contacts integrated (not replaceable) with M12 connector, 4-pole Pin assignment: Pin1=21, Pin2=22 Pin3=13, Pin4=14 for max. 250 V and 4 A Roller plunger with plastic roller 10 mm

product brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
● of the supplied actuator head for position switches	3SE5000-0AD03
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	250 V
degree of pollution	class 3
surge voltage resistance rated value	3 kV
protection class IP	IP65
shock resistance	
● **according to IEC 60068-2-27**	30g / 11 ms
vibration resistance	
● **according to IEC 60068-2-6**	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	4 A
material of the enclosure of the switch head	plastic
reference code according to IEC 81346-2	B
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	4 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	4 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	100 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
● during operation	-25 ... +85 °C
● during storage	-40 ... +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 ... 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1

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operational current at AC-15	
● at 24 V rated value	4 A
● at 125 V rated value	4 A
● at 240 V rated value	4 A
operational current at DC-13	
● at 24 V rated value	3 A
● at 125 V rated value	0.55 A
● at 250 V rated value	0.27 A
Enclosure	
design of the housing	block, narrow
material of the enclosure	plastic
coating of the enclosure	Other types
design of the housing according to standard	Yes
Drive Head	
design of the actuating element	Roller plunger, plastic roller
standard-compliant actuator head	EN 50047, design C
shape of the switch head	roller
design of the switching function	positive opening, integrated
circuit principle	snap-action contacts
number of switching contacts safety-related	1
cable entry type	M12 plug
design of plug-in connection	M12 plug, 4-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14
Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing
Connections/ Terminals	
type of electrical connection	M12 plug, fixed
design of the interface for safety-related communication	without
Communication/ Protocol	
design of the interface	without
Certificates/ approvals	

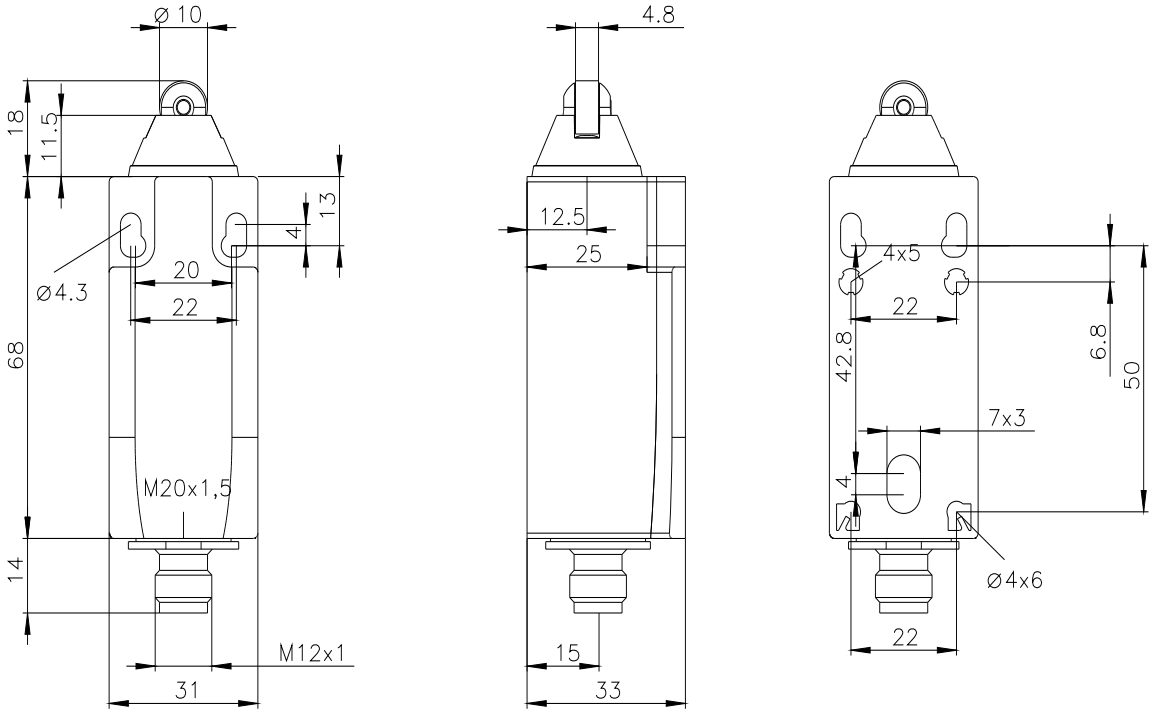
General Product Approval					Functional Safety/Safety of Machinery
CSA	Confirmation	CCC	UL	EAC	Type Examination Certificate

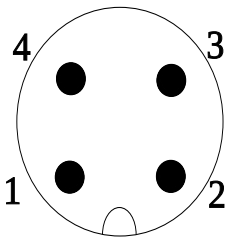
Declaration of Conformity		Test Certificates		other
UKCA	CE EG-Konf.	Type Test Certificates/Test Report	Type Test Certificates/Test Report	Confirmation

Further information

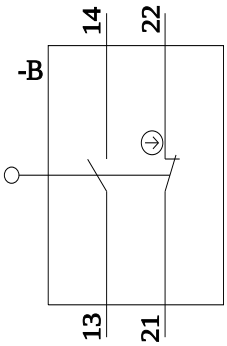
Siemens has decided to exit the Russian market (see here).
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
Siemens is working on the renewal of the current EAC certificates.
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5234-0HD03-1AC4
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5234-0HD03-1AC4
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5234-0HD03-1AC4
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5234-0HD03-1AC4&lang=en

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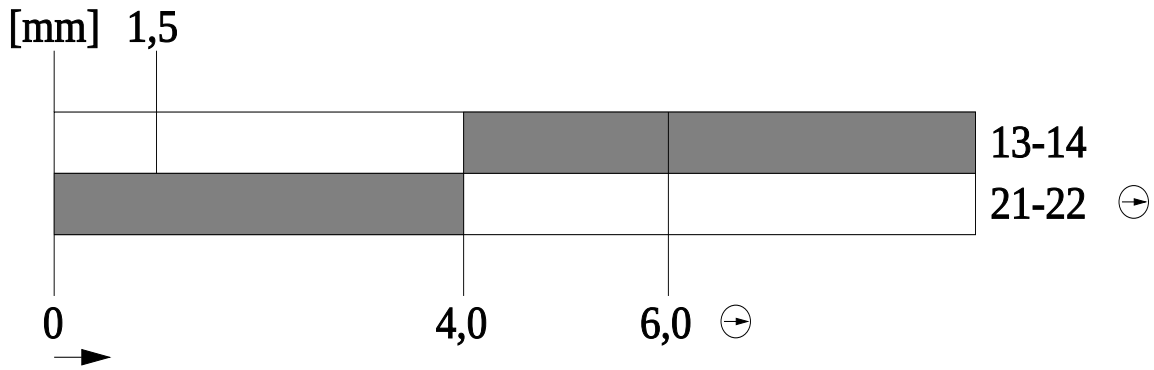




1	BN = Brown	→	21
2	WH = White	→	22
3	BU = Blue	→	13
4	BK = Black	→	14



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3VA52151MU310AA0 3VA92770HA20 6XV18755CH10 3RK1100-1CQ20-0AA3 3RK1308-0DC00-0CP0 3RM13072AA04 3SE50000AA05 6ES7511-1AK02-0AB0 3RT20271CL243MA0 3SE50000AE11 3SE50000AE131AJ0 3TC4417-0AB4 3VA63255KT410AA0 3RT20161UB41 3RT20181AP043MA0 3SE50000AA21 3SE50000AA53 3SE50000AT10 3RV19351B 3SE50000AD04 3SU11020AB303BA0 3VA51454ED310AA0 3SE50000AF031AJ0 6ES79548LC030AA0 3RV29011E 3SE50000AU22 3SU1801-0AA00-0AB2 6XV18785HH20 3RU2116-0DB1 3SE50000AF01