SIEMENS

Data sheet 3SE5234-0HK50-1AC4



Position switch Plastic enclosure according to 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 adjustable-length twist lever with plastic roller 19 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	3SE5000-0AK00
● of the supplied operating lever	3SE5000-0AA50
suitability for use safety switch	No
General technical data	
product function positive opening	No
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
SVHC substance name	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
Weight	0.126 kg
minimum actuating torque in directions of actuation	0.25 N·m
length of the sensor	196 mm
width of the sensor	31 mm
Ambient conditions	
ambient temperature	
● during operation	-25 ... +85 °C
● during storage	-40 ... +85 °C
explosion protection category for dust	none
Main circuit	

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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
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	Adjustable twist lever, adjustable-length metal lever, 100 mm long, plastic roller 19 mm
standard-compliant actuator head	EN 50047, design A
shape of the switch head	roller
circuit principle	snap-action contacts
number of switching contacts safety-related	0
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
Approvals Certificates	

General Product Approval					Test Certificates
CCC	CE EG-Konf.	UK CA	cULus	EAC	Type Test Certificates/Test Report

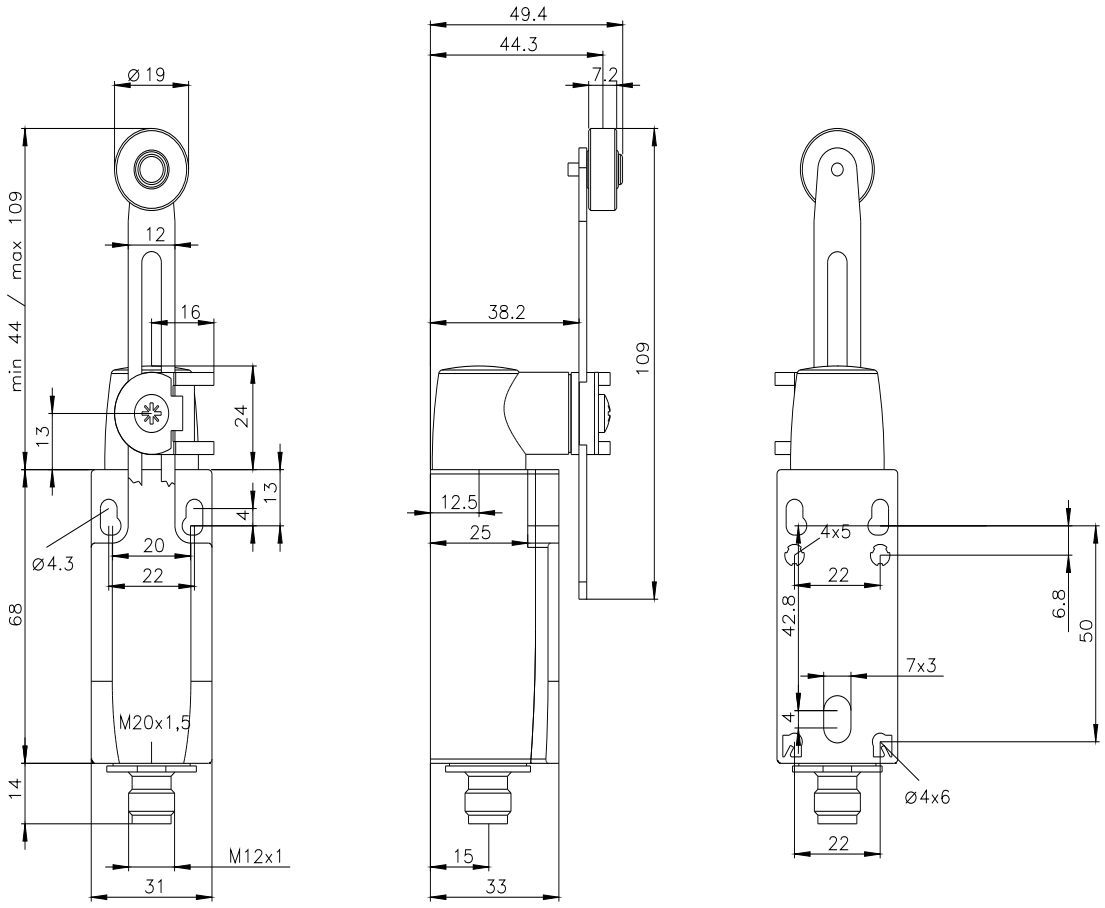
Test Certificates	other		Environment
Type Test Certificates/Test Report	产品合格 QC PASS	Confirmation	Environmental Confirmations

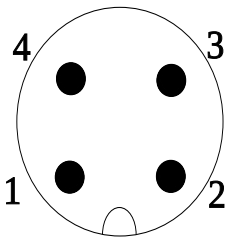
Further information

Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
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=3SE5234-0HK50-1AC4
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5234-0HK50-1AC4
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SE5234-0HK50-1AC4
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

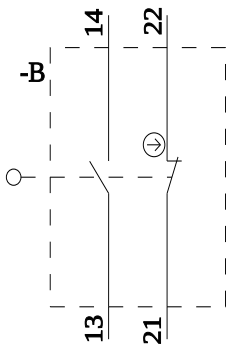
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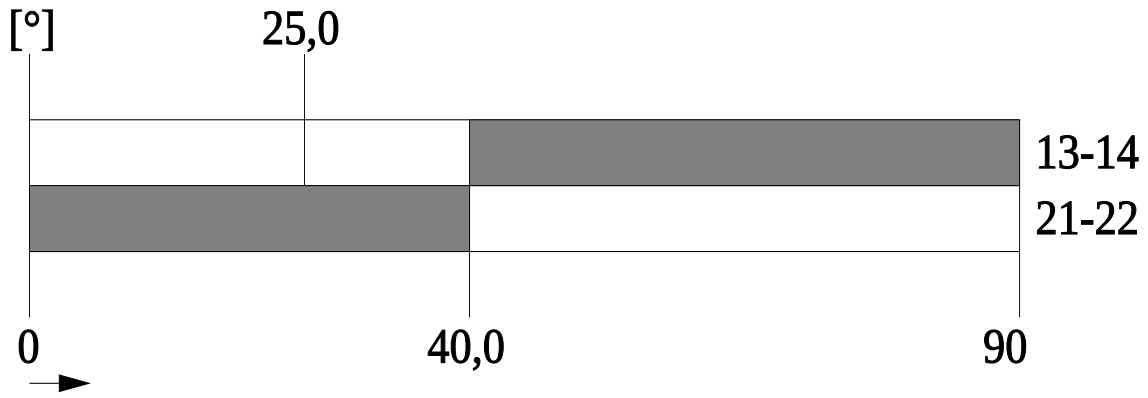




1	BN = Brown	→	21
2	WH = White	→	22
3	BU = Blue	→	13
4	BK = Black	→	14



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