# **SIEMENS**

# **Data sheet**



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 2 switch positions, horizontal momentary contact type, without mechanical interlocking, in O position, with holder, 1 NO, 1 NO, screw terminal, Z=20-unit packaging

product designation  design of the product  product type designation  product tine  Plastic with metal front ring, matt, 22 mm  manufacturer's article number  of supplied contact module at position 2  of supplied contact module at position 4  of the supplied actuator  subject of the supplied actuator  as \$\text{SU1400-1AA10-1BA0}\$  of the supplied actuator  subject of the supplied actuator  subject of the enclosure front  round  Actuator  design of the actuating element  principle of operation of the actuating element  momentary contact type  direction of actuation  product extension optional light source  color of the actuating element  material of the actuating element  number of witching positions  2  number of switching positions  2  maximum deflection angle [*]  product component front ring  Maximum deflection angle [*]  product component front ring  design of the front ring  material of the front ring  sand gray  Holder  Holder  Holder  General technical data  product function positive opening  No  insulation voltage rated value  degree of pollution  3  Coord of the actuating  No  insulation voltage rated value  degree of pollution  3  3  3	product brand name	SIRIUS ACT
design of the product product type designation 3SU1 product line Plastic with metal front ring, matt, 22 mm manufacturer's article number • of supplied contact module at position 2 • of supplied contact module at position 4 • of the supplied contact module at position 4 • of the supplied actuator 3SU1400-1AA10-1BA0 • of the supplied actuator 3SU1550-0BA10-0AA0 • of the supplied actuator  Fincipare  ### Toront of the actuating element principle of operation of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element black shape of the actuating element black shape of the actuating element black shape of the actuating element shape of the actuating element shape of the actuating element cuter diameter of the actuating element shape of the actuating element 20 mumber of contact modules 2 number of switching positions 2 maximum deflection angle [*]  ### Torot ring product component front ring high material of the front ring sand gray  ### Holder  ### Metal, matt Color of the front ring sand gray  ### Holder  ### Metal, matt ### Color of the front ring material of the holder  ### Plastic  ### Ceneral technical data  ### Plastic  #### Plastic  ### Plastic  #### Plastic  ##### Pla	·	
product type designation   Plastic with metal front ring, matt, 22 mm   manufacturer's article number   of supplied contact module at position 2   3SU1400-1AA10-1BA0   of supplied contact module at position 4   3SU1400-1AA10-1BA0   of the supplied holder   3SU1550-0BA10-0AA0   of the supplied actuator   SU1030-7AD10-0AA0    Enclosure   Shape of the enclosure front   round   Actuator   Actuator   shape of the actuating element   without mechanical interlock   principle of operation of the actuating element   without mechanical interlock   principle of operation of the actuating element   black   material of the actuating element   black   material of the actuating element   plastic   shape of the actuating element   Extended handle   outer diameter of the actuating element   30.5 mm   number of switching positions   2   number of switching positions   2   Maximum deflection angle [*]   30° Front ring   product component front ring   Metal, matt   color of the front ring   color of the front ring   Metal, matt   color of the front r	· •	
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General technical data  product function positive opening insulation voltage rated value  No 500 V	material of the holder	Plastic
insulation voltage rated value 500 V	General technical data	
insulation voltage rated value 500 V	product function positive opening	No
degree of pollution 3	<u> </u>	500 V
	degree of pollution	3
type of voltage of the operating voltage AC/DC	type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value 6 kV	surge voltage resistance rated value	6 kV
protection class IP IP65, IP67		IP65, IP67
• of the terminal IP20	of the terminal	IP20
shock resistance	shock resistance	

a according to IEC 60069 2 27	cinucoidal half ways 15a / 11 mg
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	40 500 11-15-
• according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum	2 400 1/h
mechanical service life (operating cycles)	500.000
as operating period per direction of actuation typical	500 000
electrical endurance (operating cycles) typical	10 000 000
electrical endurance (operating cycles) with contactors 3RT1015 to 3RT1026 typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
	(5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	2
Connections/ Terminals	
type of electrical connection of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
<ul> <li>solid without core end processing</li> </ul>	2x (1.0 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.5 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (1,0 1,5 mm²)
• for AWG cables	2x (18 14)
tightening torque of the screws in the bracket	1 1.2 N·m
tightening torque for auxiliary contacts with screw-type terminals	0.8 1 N·m
Safety related data	
B10 value with high demand rate according to SN 31920	250 000
proportion of dangerous failures	
with low demand rate according to SN 31920	20 %
with high demand rate according to SN 31920	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	contact state of the contact of the devices believe from partial
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	71.3 mm
installation width	30.5 mm
installation with	53.7 mm
·	OO.7 HIIII
Certificates/ approvals	

# **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=3SU1130-7AD10-1NA0-Z X90

#### Cax online generator

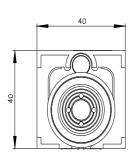
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1130-7AD10-1NA0-Z~X90}$ 

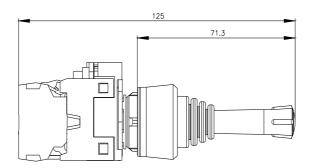
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

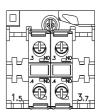
https://support.industry.siemens.com/cs/ww/en/ps/3SU1130-7AD10-1NA0-Z X90

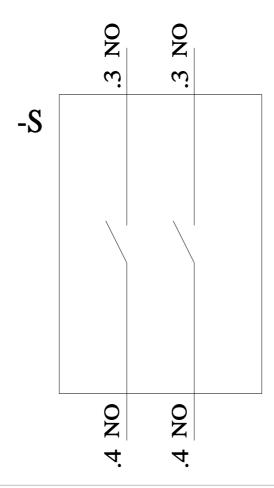
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$ 

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1130-7AD10-1NA0-Z X90&lang=en









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