SIEMENS

Data sheet



Coordinate switch, 22 mm, round, plastic with metal front ring, black, 4 switch positions, latching, with mechanical interlocking, with laser labeling, upper case $\frac{1}{2}$

product brand name	SIRIUS ACT	
product designation	Coordinate switches	
design of the product	Actuating/signaling element	
product type designation	3SU1	
product type designation	Plastic with metal front ring, matt, 22 mm	
Enclosure	Flastic with metal front fing, matt, 22 min	
	1	
number of command points	•	
Actuator		
design of the actuating element	with mechanical interlocking	
principle of operation of the actuating element	latching	
direction of actuation	horizontal / vertical	
product extension optional	M-	
• light source	No Yea	
contact module activities alternative	Yes	
color 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	
marking of the actuating element	Any inscription, text in upper case	
type of unlocking device	push-to-unlatch mechanism	
number of switching positions	4	
Maximum deflection angle [°]	30°	
Front ring		
product component front ring	Yes	
design of the front ring	high	
material of the front ring	Metal, matt	
color of the front ring	sand gray	
General technical data		
protection class IP	IP65, IP67	
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13	
shock resistance		
according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms	
vibration resistance		
according to IEC 60068-2-6	10 500 Hz: 5g	
operating frequency maximum	2 400 1/h	
mechanical service life (operating cycles)		
as operating period per direction of actuation typical	100 000	
reference code according to IEC 81346-2	S	
Substance Prohibitance (Date)	10/01/2014	
Safety related data		

B10 value with high demand rate according to SN 31920	100 000
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%)
Installation/ mounting/ dimensions	
height	30.5 mm
width	30.5 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	75.6 mm
installation width	30.5 mm
installation depth	25.5 mm
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=3SU1030-7BE10-0AA0-Z Y11

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1030-7BE10-0AA0-Z\ Y110-0AA0-Z\ Y110-$

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1030-7BE10-0AA0-Z Y11

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1030-7BE10-0AA0-Z Y11&lang=en

last modified:	1/27/2022