SIEMENS

Data sheet

3SU1200-2PS10-1AA0

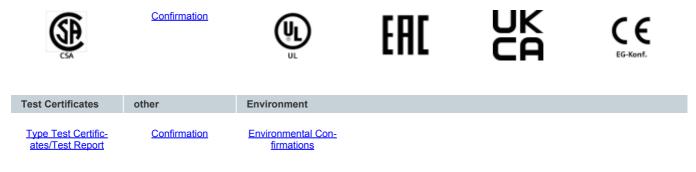
	Potentiometer, compact, 22 mm, round, plastic, black, 10k ohm, with holder, screw
	terminal
product brand name	SIRIUS ACT
product designation	Potentiometers
design of the product	Compact unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number of the supplied holder	<u>3SU1550-0AA10-0AA0</u>
Enclosure	
number of command points	1
Actuator	
design of the actuating element	Rotary knob
principle of operation of the actuating element	Infinitely variable adjustment, angle of rotation 280°
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	30 mm
Maximum deflection angle [°]	280°
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
General technical data	
consumed active power	1 W
insulation voltage rated value	500 V
degree of pollution	3
protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20, clamping screw tightened
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
 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
according to IEC 60068-2-6	10 500 Hz: 5g
 for railway applications according to EN 61373 	Category 1, Class B
mechanical service life (operating cycles) typical	25 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	01/01/2016
Connections/ Terminals	01/01/2010
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	sciew-type terminais
	$2v (0.5 - 0.75 \text{ mm}^2)$
solid with core and processing	2x (0.5 0.75 mm ²)
 solid without core end processing finally stranded with some and processing 	2x (1.0 1.5 mm ²)
finely stranded with core end processing	2x (0.5 1.5 mm ²)
finely stranded without core end processing	2x (1,0 1,5 mm ²)
• for AWG cables	2x (18 14)
tightening torque of the screws in the bracket	11.2 N·m
tightening torque with screw-type terminals	0.8 1 N·m
Ambient conditions	
ambient temperature	25 170 °C
during operation	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no

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60721	condensation in operation permitted for all devices behind front panel)	
Installation/ mounting/ dimensions		
height	40 mm	
width	30 mm	
shape of the installation opening	round	
mounting diameter	22.3 mm	
positive tolerance of installation diameter	0.4 mm	
mounting height	19.4 mm	
installation width	30 mm	
installation depth	46 mm	
Certificates/ approvals		

General Product Approval

Declaration of Conformity



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=3SU1200-2PS10-1AA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PS10-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PS10-1AA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-2PS10-1AA0&lang=en

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