

Data sheet

3SU1200-2PQ10-1AA0-Z Y15



Potentiometer, compact, 22 mm, round, plastic, black, 1k ohm, with holder, screw terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word

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	3SU1550-0AA10-0AA0
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
marking of the actuating element	Customized labeling, text in lower case/capital letters, all words start with capital letters
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)
protection class IP 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)	10/01/2014
Net Weight	0.038 kg

Connections/ Terminals		
type of electrical connection		screw terminal
type of connectable conductor cross-sections		
<ul style="list-style-type: none"> • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables 		2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (18 ... 14)
tightening torque of the screws in the bracket		1 ... 1.2 N·m
tightening torque with screw-type terminals		0.8 ... 1 N·m
Ambient conditions		
ambient temperature		
<ul style="list-style-type: none"> • during operation • during storage 		-25 ... +70 °C -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)
Environmental footprint		
Environmental Product Declaration(EPD)		Yes
global warming potential [CO ₂ eq] total		0.787 kg
global warming potential [CO ₂ eq] during manufacturing		0.566 kg
global warming potential [CO ₂ eq] during operation		0.235 kg
global warming potential [CO ₂ eq] after end of life		-0.015 kg
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	
Approvals Certificates		
General Product Approval		Test Certificates
 EG-Konf.		Type Test Certificates/Test Report
		
		Confirmation
		
Maritime application		Environment
 LRS		
		
other		
Environment		
 Siemens EcoTech		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=3SU1200-2PQ10-1AA0-Z Y15>

Cax online generator

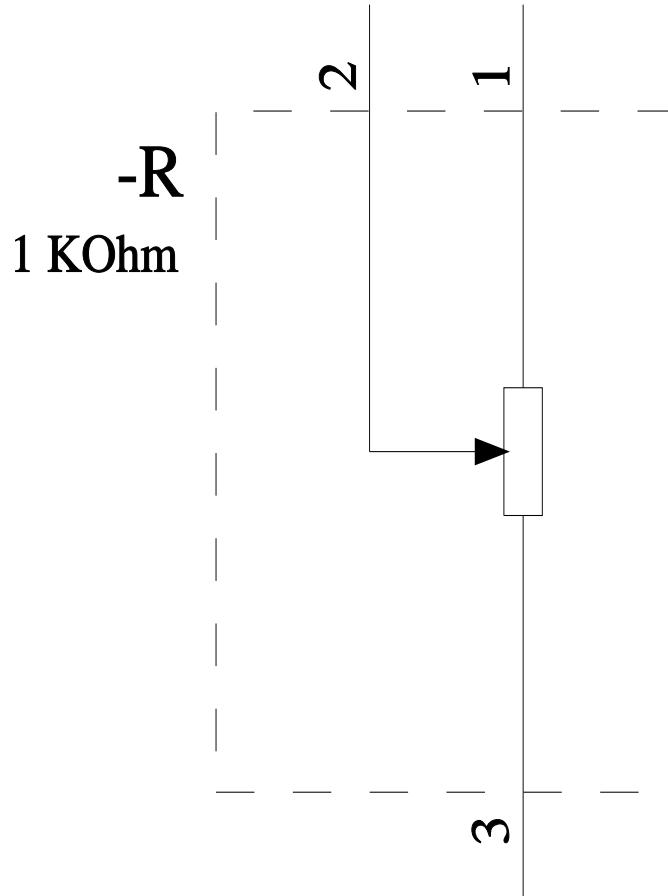
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PQ10-1AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PQ10-1AA0-Z Y15>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1200-2PQ10-1AA0-Z Y15&lang=en



last modified:

4/2/2025