



Potentiometer, compact, 22 mm, round, plastic, black, 10k ohm, with holder, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

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
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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	Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)
Maximum deflection angle [°]	280°

Front ring

product component front ring	No
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Holder

material of the holder	Plastic
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General technical data

insulation voltage rated value	500 V
degree of pollution	3
protection class IP	IP66, IP67, IP69(IP69K)
<ul style="list-style-type: none"> of the terminal 	IP20, clamping screw tightened
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul style="list-style-type: none"> according to IEC 60068-2-27 for railway applications according to EN 61373 	sinusoidal half-wave 15g / 11 ms Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> according to IEC 60068-2-6 for railway applications according to EN 61373 	10 ... 500 Hz: 5g 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

Connections/ Terminals

type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> solid with core end processing 	2x (0.5 ... 0.75 mm ²)

- solid without core end processing
- finely stranded with core end processing
- finely stranded without core end processing
- at AWG cables

2x (1.0 ... 1.5 mm²)
 2x (0.5 ... 1.5 mm²)
 2x (1,0 ... 1,5 mm²)
 2x (18 ... 14)
 1 ... 1.2 N·m
 0.8 ... 1 N·m

tightening torque of the screws in the bracket
 tightening torque with screw-type terminals

Ambient conditions

ambient temperature

- 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)

Installation/ mounting/ dimensions

height
width
shape of the installation opening
mounting diameter
positive tolerance of installation diameter
mounting height
installation width
installation depth

40 mm
 30 mm
 round
 22.3 mm
 0.4 mm
 19.4 mm
 30 mm
 46 mm

Certificates/ approvals

Further information

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-Z Y19>

Cax online generator

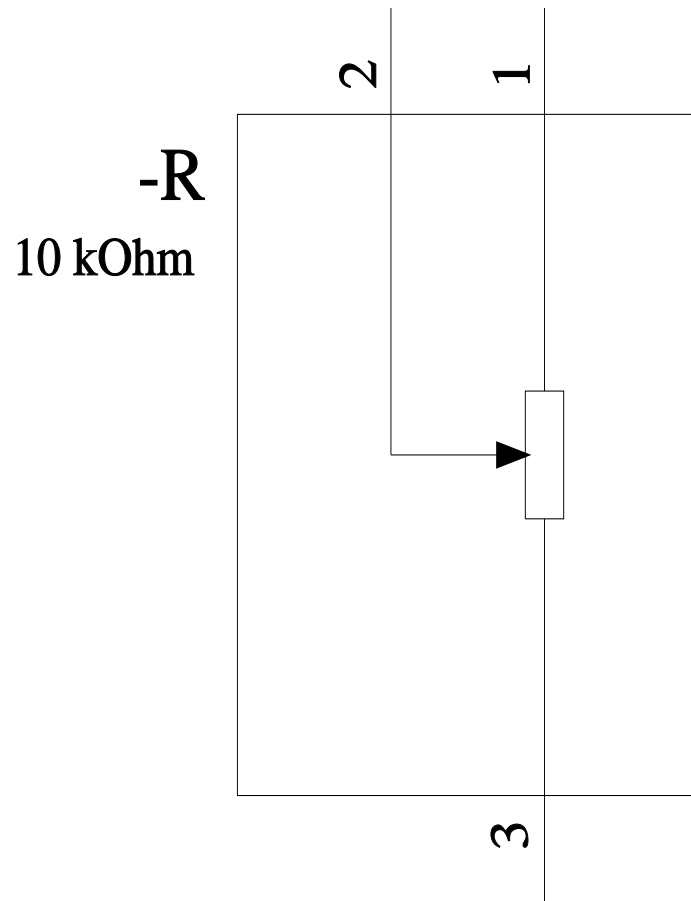
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1200-2PS10-1AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1200-2PS10-1AA0-Z Y19>

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-Z Y19&lang=en



last modified:

1/27/2022 