

POTENTIOMETER, COMPACT, 22MM, ROUND, METAL, BLACK, 1K OHMS, WITH HOLDER, SCREW TERMINALS CONFORMITY WITH ROHS UNCONFIRMED



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Potentiometer
Manufacturer's article number	
• of the supplied holder	3SU1550-0AA10-0AA0
Enclosure:	
Number of command points	1
Actuator:	
Design of the operating mechanism	Rotary knob
Manner of function of the actuating element	infinitely rotatable
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
Front ring:	
Product component front ring	No
Holder:	

Material of the holder	Metal
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General technical data:

Consumed active power	0.5 W
Insulation voltage	
• rated value	500 V
Degree of pollution	3
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of protection NEMA rating	NEMA 1, 2, 3, 3R, 4, 4X, 12
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
Mechanical service life (switching cycles)	
• typical	25 000
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S

Connections/ Terminals:

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end 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)
• at AWG conductors	2x (18 ... 14)
Connectable conductor cross-section	
• finely stranded with core end processing	0.5 ... 1.5 mm ²
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	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. 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	40 mm
Width	30 mm

Shape of the installation opening	round
Mounting diameter	22.3 mm
Mounting height	19.4 mm
Installation width	30 mm
Installation depth	46 mm

Certificates/approvals

General Product Approval		Declaration of Conformity	Test Certificates		
				Werksbescheinigung gen	spezielle Prüfbescheinigung n
CSA	UL		EG-Konf.		

other

[Bestätigungen](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU12502PQ101AA0>

Cax online generator

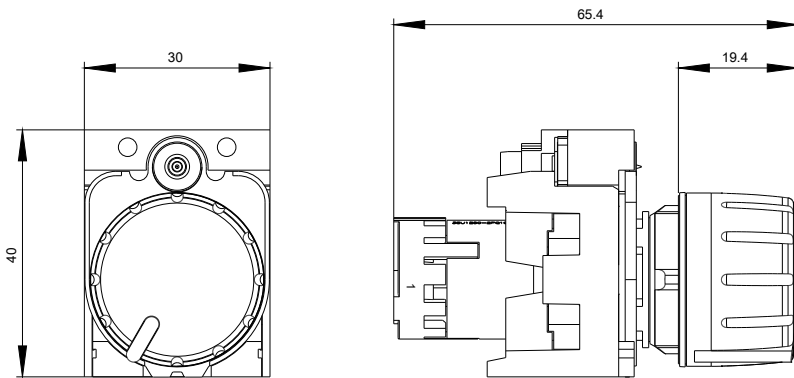
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU12502PQ101AA0>

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

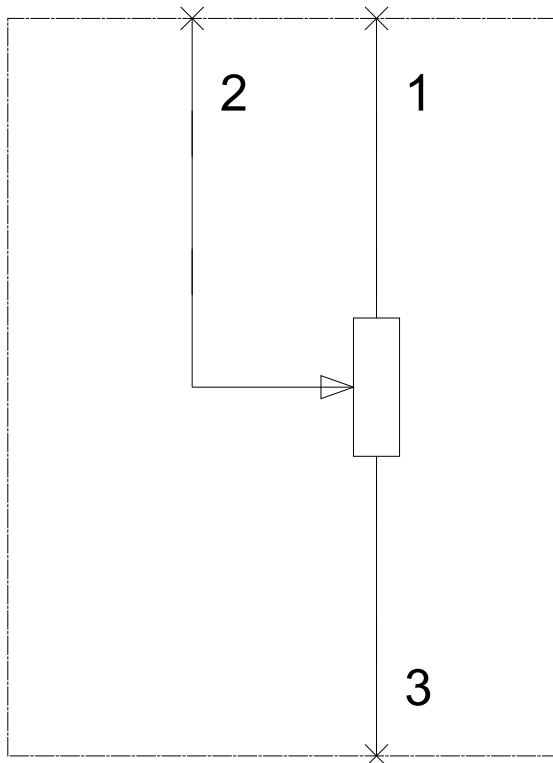
<https://support.industry.siemens.com/cs/ww/en/ps/3SU12502PQ101AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU12502PQ101AA0&lang=en



-R
1 KOhm



last modified:

11.04.2016