

POTENTIOMETER, COMPACT, 22MM, ROUND, PLASTIC, BLACK, 100K 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	3SU1500-0AA10-0AA0
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	Plastic
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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
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
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
CSA	UL		EG-Konf.	spezielle Prüfbescheinigungen

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=3SU12002PU101AA0>

Cax online generator

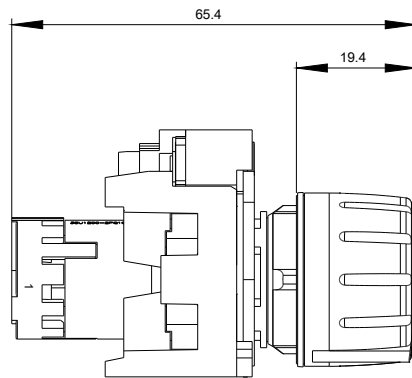
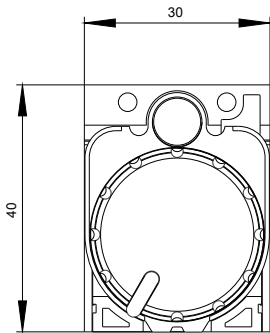
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU12002PU101AA0>

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

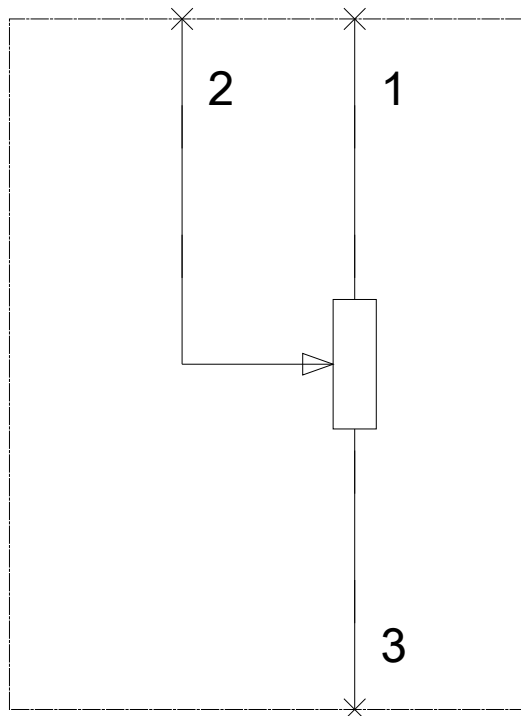
<https://support.industry.siemens.com/cs/ww/en/ps/3SU12002PU101AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU12002PU101AA0&lang=en



-R
100 kOhm



last modified:

11.04.2016