SIEMENS

Data sheet 3SU1250-2PS10-1AA0

POTENTIOMETER, COMPACT, 22MM, ROUND, METAL, BLACK, 10K OHM, WITH HOLDER, SCREW TERMINAL

Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Potentiometer
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
General technical data:	
Active power consumption	0.5 W
Insulation voltage	

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• Rated value	500 V
Protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal	IP20
Degree of pollution	3
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
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	3K6, 3C3, 3S2, 3M6

Installation/ mounting/ dimensions:

Height	40 mm
Width	30 mm
Shape of the installation opening	round
Mounting diameter	22 mm
Mounting height	19.4 mm
Installation width	30 mm
Installation depth	46 mm

Certificates/approvals

Declaration of Conformity

CE
EG-Konf.

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

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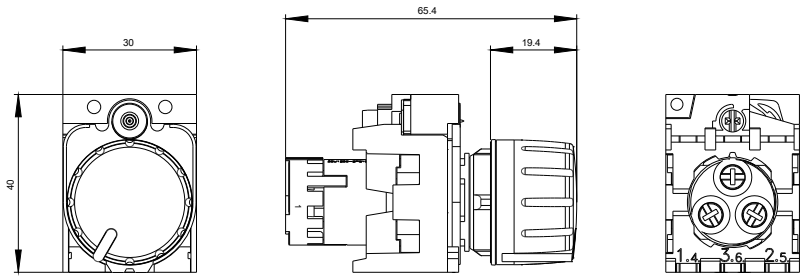
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU12502PS101AA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU12502PS101AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU12502PS101AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU12502PS101AA0&lang=en



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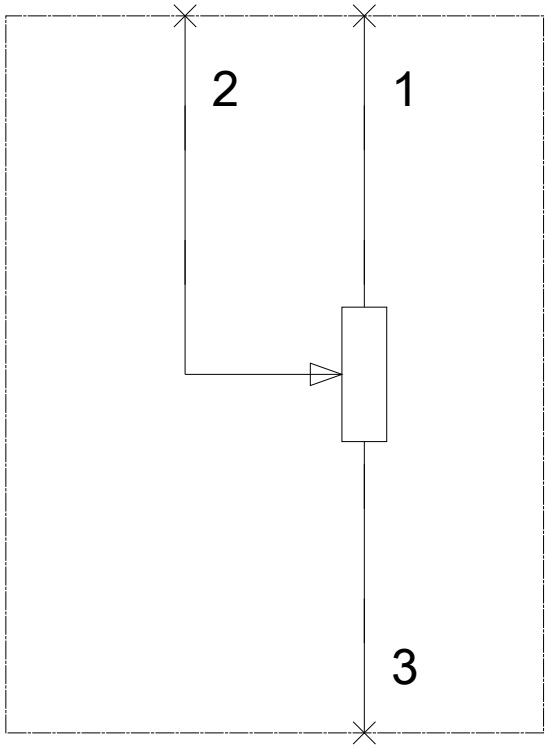
-R

10 kOhm



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