

Illuminable selector switch, 22 mm, round, plastic with metal front ring, black, Selector switch long, 2 switch positions O-I, latching, actuating angle 90°, 10:30h/13:30h, with laser labeling, upper case

Product brand name	SIRIUS ACT
Product designation	Selector switches
Design of the product	Actuating/signaling element
Product type designation	3SU1
Product line	Plastic with metal front ring, matt, 22 mm

Enclosure

Number of command points	1
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Actuator

Design of the operating mechanism	Selector, long
Manner of function of the actuating element	latching, 90° (10:30 h/13:30 h)
Product extension optional Light source	Yes
Color of the actuating element	black
Material of the actuating element	plastic
Shape of the actuating element	Handle
Outer diameter of the actuating element	44.8 mm
Marking of the actuating element	Any inscription, text in upper case
Number of switching positions	2
Actuating angle	90°
<ul style="list-style-type: none"> clockwise 	

Front ring

Product component front ring	Yes
Design of the front ring	standard
Material of the front ring	Metal, matt
Color of the front ring	sand gray

General technical data

Protection class IP	IP66, IP67, IP69(IP69K)
Degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
Shock resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-27 for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Vibration resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-6 for railway applications acc. to DIN EN 61373 	10 ... 500 Hz: 5g Category 1, Class B
Operating frequency maximum	1 800 1/h

Mechanical service life (switching cycles)	
• typical	1 000 000
Reference code acc. to DIN EN 81346-2	S
Reference code acc. to DIN EN 61346-2	S

Safety related data

B10 value	
• with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

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 %)

Installation/ mounting/ dimensions

Height	44.8 mm
Width	44.8 mm
Shape of the installation opening	round
Mounting diameter	22.3 mm
Positive tolerance of installation diameter	0.4 mm
Mounting height	28.8 mm
Installation width	44.8 mm
Installation depth	25.4 mm

Certificates/ approvals

General Product Approval			Declaration of Conformity	Test Certificates
 CSA	 UL		 EG-Konf.	Miscellaneous Type Test Certificates/Test Report

Test Certificates	Marine / Shipping				
Special Test Certificate	 ABS	 LRS	 PRS	 RINA	 RMRS

Marine / Shipping	other
 DNV-GL DNVGL.COM/AF	Confirmation

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=3SU1032-2CF10-0AA0-Z Y11>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1032-2CF10-0AA0-Z Y11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1032-2CF10-0AA0-Z Y11>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1032-2CF10-0AA0-Z Y11&lang=en

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