



Selector switch, illuminable, 30 mm, round, Metal, matte, red, selector switch, long, front ring for flush installation, 3 switch positions I>O<II, momentary contact type, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, upper case and lower case, always upper case at the beginning of the word

product brand name	SIRIUS ACT
product designation	Selector switches
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, matt, flat, 30 mm
Enclosure	
number of command points	1
Actuator	
design of the actuating element	selector, long
principle of operation of the actuating element	momentary contact, 2x45° (10:30 h/12 h/13:30 h), return on both sides
product extension optional	
• light source	Yes
• contact module	Yes
color of the actuating element	red
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	Customized labeling, text in lower case / capital letters, all words start with capital letters
number of switching positions	3
actuating angle	
• clockwise	45°
• anticlockwise	45°
Front ring	
product component front ring	Yes
design of the front ring	Flat
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	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	300 000
reference code according to IEC 81346-2	S

Substance Prohibittance (Date)		10/01/2014	
Safety related data			
proportion of dangerous failures			
• with low demand rate according to SN 31920		20 %	
• with high demand rate according to SN 31920		20 %	
B10 value with high demand rate according to SN 31920		300 000	
failure rate [FIT] with low demand rate according to SN 31920		100 FIT	
Ambient conditions			
ambient temperature			
• during operation		-25 ... +70 °C	
• during storage		-40 ... +80 °C	
environmental category during operation according 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		30.5 mm	
positive tolerance of installation diameter		0.5 mm	
mounting height		22.1 mm	
installation width		44.8 mm	
installation depth		32.1 mm	
Approvals Certificates			
General Product Approval		Test Certificates	Marine / Shipping
 CSA		 UL	
		Type Test Certificates/Test Report	Special Test Certificate
			 ABS
Marine / Shipping		other	
 LRS		 PRS	 RINA
		Confirmation	
Further information			
Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875			
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=3SU1062-2EM20-0AA0-Z Y15			
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EM20-0AA0-Z Y15			
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2EM20-0AA0-Z Y15			
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1062-2EM20-0AA0-Z Y15&lang=en			

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