



Selector switch, illuminable, 30 mm, round, Metal, matte, red, selector switch, short, 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, short
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	38 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	
Weight	0.056 kg	
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	
IEC 61508		
T1 value for proof test interval or service life according to IEC 61508	20 a	
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	38 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	38 mm	
installation depth	32.1 mm	
Approvals Certificates		
General Product Approval		
Test Certificates		
Confirmation  EG-Konf.   c UL US  Type Test Certificates/Test Report		
Test Certificates	other	Environment
Special Test Certificate	Confirmation	Environmental Confirmations
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=3SU1062-2DM20-0AA0-Z Y15		
Cax online generator		
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2DM20-0AA0-Z Y15		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)		
https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2DM20-0AA0-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=3SU1062-2DM20-0AA0-Z Y15&lang=en		
last modified:		
6/17/2024 		