## SIEMENS

## Data sheet

## 3SU1062-2EL40-0AA0-Z Y12



Selector switch, illuminable, 30 mm, round, Metal, matte, green, selector switch, long, front ring for flush installation, 3 switch positions I-O-II, latching, actuating angle 2x45°, 10:30h/12h/13:30h, with laser labeling, lower case

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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	latching, 2x45° (10:30 h/12 h/13:30 h)	
product extension optional		
light source	Yes	
contact module	Yes	
color of the actuating element	green	
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 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		
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
vibration resistance		
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g	
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B	
operating frequency maximum	1 800 1/h	
mechanical service life (switching cycles) typical	300 000	
reference code according to IEC 81346-2	S	

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Substance Prohibitance (Date)	10/01/2014
Safety related data	
B10 value with high demand rate according to SN 31920	300 000
proportion of dangerous failures	
<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +70 °C
<ul> <li>during storage</li> </ul>	-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
Certificates/ approvals	
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=3SU1062-2EL40-0AA0-Z Y12 Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1062-2EL40-0AA0-Z Y12 Service&Support (Manuals, Certificates, Characteristics, FAQs,)	
https://support.industry.siemens.com/cs/ww/en/ps/3SU1062-2EL40-0AA0-Z Y12	

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1062-2EL40-0AA0-Z Y12&lang=en

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