



EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, with lock BKS, lock No. E7 (VW), positive latching, acc. to EN ISO 13850, key-operated release, supplied without key

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	EMERGENCY STOP mushroom pushbuttons
<b>design of the product</b>	Actuating/signaling element
<b>product type designation</b>	3SU1
<b>product line</b>	Plastic, black, 22 mm
<b>Enclosure</b>	
<b>number of command points</b>	1
<b>Actuator</b>	
<b>design of the actuating element</b>	positive latching
<b>principle of operation of the actuating element</b>	latching
<b>product extension optional</b>	
• light source	No
• contact module	Yes
<b>color</b>	
• of the actuating element	red
<b>material of the actuating element</b>	plastic
<b>shape of the actuating element</b>	round
<b>outer diameter of the actuating element</b>	40 mm
<b>type of unlocking device</b>	Unlocking
<b>number of switching positions</b>	2
<b>switch position for key distraction</b>	O
<b>lock make</b>	BCS
<b>key number</b>	E7
<b>Front ring</b>	
<b>product component front ring</b>	No
<b>General technical data</b>	
<b>product function</b>	
• positive opening	Yes
• EMERGENCY OFF function	Yes
• EMERGENCY STOP function	Yes
<b>protection class IP</b>	IP66, IP67, IP69(IP69K)
<b>degree of protection NEMA rating</b>	1, 2, 3, 3R, 4, 4X, 12, 13
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>operating frequency maximum</b>	600 1/h

mechanical service life (switching cycles) typical	300 000
reference code according to IEC 81346-2	S
Substance Prohibitance (Date)	10/01/2014
<b>Safety related data</b>	
B10 value with high demand rate according to SN 31920	100 000
<b>proportion of dangerous failures</b>	
• with low demand rate according to SN 31920	20 %
• with high demand rate according to SN 31920	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• 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%)
<b>Installation/ mounting/ dimensions</b>	
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	81.3 mm
installation width	40 mm
installation depth	26.3 mm
<b>Certificates/ approvals</b>	
General Product Approval	Declaration of Conformity



[Confirmation](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
	<a href="#">Type Test Certificates/Test Report</a>	
	<a href="#">Special Test Certificate</a>	
Marine / Shipping	other	
		<a href="#">Environmental Confirmations</a>
		<a href="#">Confirmation</a>

<b>Further information</b>
Information- and Downloadcenter (Catalogs, Brochures,...) <a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>
Industry Mall (Online ordering system) <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-1HM20-0AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1000-1HM20-0AA0</a>
Cax online generator <a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1000-1HM20-0AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1000-1HM20-0AA0</a>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) <a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HM20-0AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HM20-0AA0</a>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HM20-0AA0&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1000-1HM20-0AA0&amp;lang=en</a>

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