



Mushroom pushbutton, 22 mm, round, metal, shiny, black, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch

product brand name	SIRIUS ACT
product designation	Mushroom pushbuttons
design of the product	Actuating/signaling element
product type designation	3SU1
product line	Metal, shiny, 22 mm

Enclosure

number of command points	1
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Actuator

design of the actuating element	positive latching
principle of operation of the actuating element	latching
product extension optional light source	No
color of the actuating element	black
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	40 mm
type of unlocking device	rotate-to-unlatch mechanism
number of switching positions	2

Front ring

product component front ring	No
design of the front ring	without

General technical data

product function	No
- EMERGENCY OFF function - EMERGENCY STOP function	No
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	sinusoidal half-wave 15g / 11 ms
according to IEC 60068-2-27	
vibration resistance	10 ... 500 Hz: 5g
according to IEC 60068-2-6	600 1/h
operating frequency maximum	300 000
mechanical service life (switching cycles) typical	S
reference code according to IEC 81346-2	10/01/2014
Substance Prohibitance (Date)	

Safety related data

B10 value with high demand rate according to SN 31920	100 000
proportion of dangerous failures	
- with low demand rate according to SN 31920 - with high demand rate according to SN 31920	20 %
failure rate [FIT] with low demand rate according to SN 31920	20 %
	100 FIT

Ambient conditions	
ambient temperature - during operation - during storage environmental category during operation according to IEC 60721	-25 ... +70 °C -40 ... +80 °C 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%)

Installation/ mounting/ dimensions	
height	40 mm
width	40 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	45.3 mm
installation width	40 mm
installation depth	26.3 mm

Certificates/ approvals	
General Product Approval	Declaration of Conformity



[Confirmation](#)



Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other
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[Environmental Confirmations](#)

[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=3SU1050-1HB10-0AA0>

Cax online generator

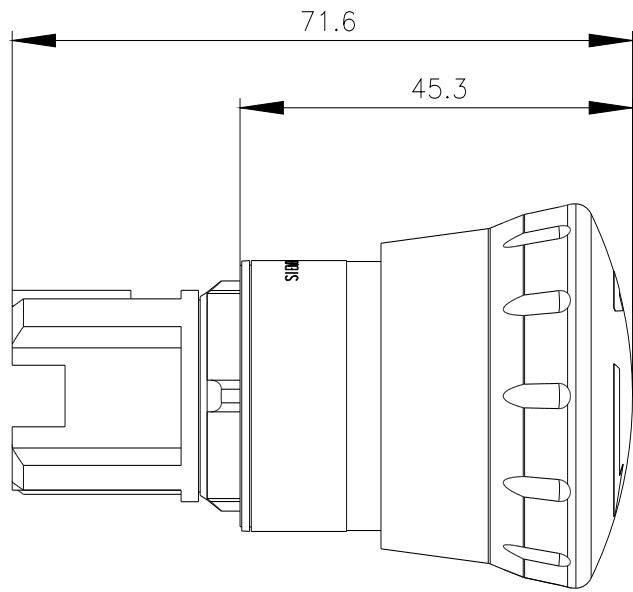
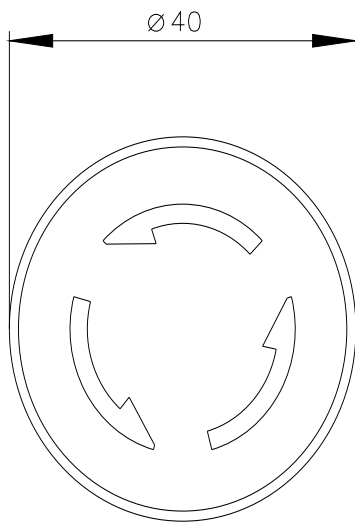
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1HB10-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1HB10-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1050-1HB10-0AA0&lang=en



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1/27/2022 