

## Data sheet

## 3SU1853-0AA00-0AB1



Enclosure for command devices, 22 mm, round, Enclosure material metal, enclosure top part grey, 3 control points, without equipment, Recess for labels, floor mounting, 1xM20 each on top and bottom

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
<b>Enclosure</b>	
design of the housing	with recess for label
shape of the enclosure front	rectangular
material of the enclosure	metal
number of command points	3
product component protective collar	No
color of the enclosure top part	grey
fastening method of the enclosure	Vertical / horizontal
<b>General technical data</b>	
protection class IP	IP66, IP67, IP69(IP69K)
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance for railway applications according to EN 61373	Category 1, Class B
vibration resistance for railway applications according to EN 61373	Category 1, Class B
Substance Prohibitance (Date)	10/01/2014
SVHC substance name	Lead - 7439-92-1
Net Weight	689 g
cable entry type	Without
<b>Connections/ Terminals</b>	
type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
tightening torque of fixing screws in the enclosure cover	1.5 ... 1.7 N-m
<b>Ambient conditions</b>	
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%, no condensation in operation permitted for all devices behind front panel)
<b>Environmental footprint</b>	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.593 kg
global warming potential [CO2 eq] during manufacturing	0.625 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.267 kg
<b>Installation/ mounting/ dimensions</b>	
fastening method of modules and accessories	Floor mounting
height	158.4 mm

width	85 mm
depth	64 mm
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm

**Approvals Certificates**

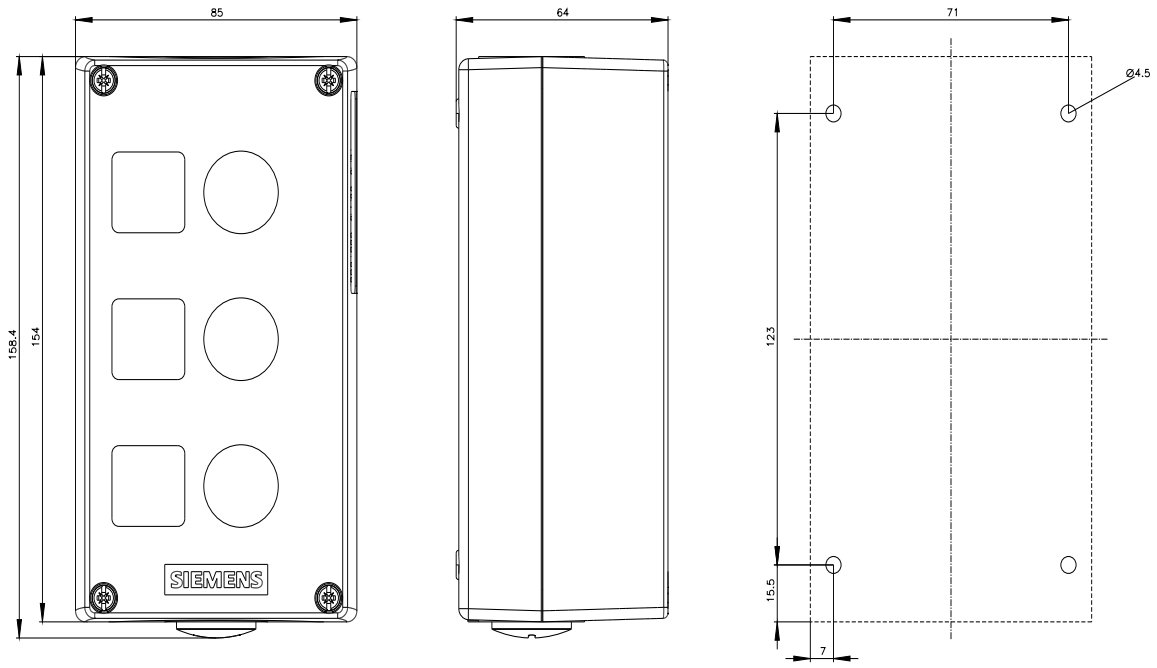
General Product Approval	Test Certificates
    	<a href="#">Type Test Certificates/Test Report</a>

Test Certificates	Maritime application	other
<a href="#">Special Test Certificate</a>	   	

other	Environment
<a href="#">Confirmation</a>	 
	<a href="#">Environmental Confirmations</a>

**Further information**

- Information on the packaging  
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage  
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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=3SU1853-0AA00-0AB1>
- Cax online generator  
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1853-0AA00-0AB1>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1853-0AA00-0AB1>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1853-0AA00-0AB1&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1853-0AA00-0AB1&lang=en)



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4/2/2025 

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