



Enclosure for 4 position knob, coordinate, ID key-operated switches and sensor switches, 22 mm, round, Enclosure material metal, enclosure top part gray, 1 control point metal, without equipment, only for front plate mounting

product brand name	SIRIUS ACT
product designation	Enclosures
product type designation	3SU1
<b>Enclosure</b>	
design of the housing	Command point in center
shape of the enclosure front	Square
material of the enclosure	metal
number of command points	1
product component protective collar	No
color of the enclosure top part	grey
fastening method of the enclosure	Vertical / horizontal
<b>General technical data</b>	
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
Weight	0.499 kg
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	Front plate mounting
height	89.4 mm
width	85 mm
depth	68 mm

mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm

#### Approvals Certificates

##### General Product Approval

[Confirmation](#)



Test Certificates	other	Environment
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Confirmation](#)



Siemens  
EcoTech



[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=3SU1851-1AA00-1AA1>

Cax online generator

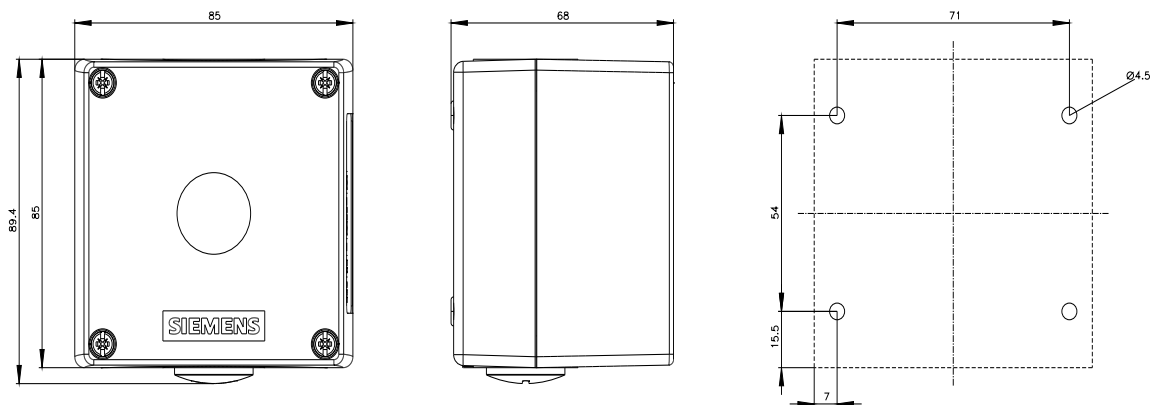
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1851-1AA00-1AA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1851-1AA00-1AA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1851-1AA00-1AA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1851-1AA00-1AA1&lang=en)



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