## **SIEMENS**

## **Data sheet**



EMERGENCY STOP mushroom pushbutton, illuminable, 22 mm, round, metal, shiny, red, 30 mm, positive latching, according to DIN EN ISO 13850, rotate-to-unlatch, washer for EMERGENCY STOP, yellow, without inscription, with holder, 1 NC, 1 NC, LED module 24 V red, spring-loaded terminal, front plate mounting

product brand name	SIRIUS ACT
product designation	EMERGENCY STOP mushroom pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
<ul> <li>of supplied contact module at position 1</li> </ul>	3SU1400-1AA10-3CA0
<ul> <li>of supplied contact module at position 2</li> </ul>	3SU1400-1AA10-3CA0
<ul> <li>of supplied LED module</li> </ul>	3SU1401-1BB20-3AA0
<ul> <li>of the supplied holder</li> </ul>	3SU1550-0AA10-0AA0
<ul> <li>of the supplied actuator</li> </ul>	3SU1051-1GB20-0AA0
<ul> <li>of supplied accessory</li> </ul>	3SU1900-0BN31-0AA0
Enclosure	
number of command points	1
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	red
material of the actuating element	plastic
shape of the actuating element	round
outer diameter of the actuating element	33.8 mm
number of contact modules	2
type of unlocking device	rotate-to-unlatch mechanism
Front ring	
product component front ring	No
Holder	
material of the holder	Plastic
Display	
number of LED modules	1
General technical data	
product function	
<ul> <li>positive opening</li> </ul>	Yes
<ul> <li>EMERGENCY OFF function</li> </ul>	Yes
EMERGENCY STOP function	Yes
product component light source	Yes
insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC

surge vortage resistance reter value  of the terminal  algree of protection NEMA rating  alnock resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-27  vibration resistance  according to IEC 60068-2-3  operating frequency maximum  mechanical service life (switching cycles) typical  selectical endurance (switching cycles) typical  thermal current  thermal current  thermal current  thermal current of the Ceharacteristic MCB  continuous current of the DIAZED fuse link go  continuous current of the DIAZED fuse link go  continuous current of the DIAZED fuse link go  substance Prohibitance (Data)  operating voltage  at AC  at DC rated value  bype of voltage of the light source at AC  at D0 tiz reted value  21. 24. 24 V  supply voltage of the light source at AC  at D0 tiz reted value  22. 24. 24 V  control circuit Control  Inrush current of I.ED module maximum  Axilitary circuit  design of the contact of auxillary contacts  number of NC contacts for auxillary contacts  number of NC contacts for auxillary contacts  number of NC contacts for auxillary contacts  anumber of NC contacts f	aurao voltago registanos rated value	6 M
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• of modules and accessories      type of connectable conductor cross-sections     • solid without core end processing     • finely stranded with core end processing     • finely stranded without core end processing     • at AWG cables     • at AWG cables     tightening torque of the screws in the bracket  Lamp      type of light source     color of the light source      Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     • with low demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature  Sypring-type terminal  2x (0.25 1.5 mm²)  2		
type of connectable conductor cross-sections  • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables • at AWG cables  tightening torque of the screws in the bracket  Lamp  type of light source color of the light source safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures • with low demand rate according to SN 31920 • with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		Spring-type terminal
solid without core end processing     finely stranded with core end processing     finely stranded without core end processing     finely stranded without core end processing     sty (0.25 0.75 mm²)     at AWG cables     2x (0.25 1.5 mm²)     at AWG cables     2x (24 16)      tightening torque of the screws in the bracket     1 1.2 N·m  Lamp  type of light source     color of the light source     red  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures     with low demand rate according to SN 31920     with high demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		Opining type terminal
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>at AWG cables</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> Lamp type of light source <ul> <li>color of the light source</li> <li>red</li> </ul> Safety related data B10 value with high demand rate according to SN 31920 <ul> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>100 FIT</li> </ul> Ambient conditions <ul> <li>ambient temperature</li> </ul>	21	2x (0.25 1.5 mm²)
<ul> <li>finely stranded without core end processing</li> <li>at AWG cables</li> <li>2x (24 16)</li> <li>tightening torque of the screws in the bracket</li> <li>1 1.2 N·m</li> </ul> Lamp <ul> <li>type of light source</li> <li>color of the light source</li> <li>safety related data</li> <li>B10 value with high demand rate according to SN 31920</li> <li>proportion of dangerous failures</li> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>Ambient conditions</li> </ul> Ambient temperature		` '
at AWG cables     tightening torque of the screws in the bracket  Lamp  type of light source     color of the light source  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures      with low demand rate according to SN 31920  with high demand rate according to SN 31920  with high demand rate according to SN 31920  with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		
tightening torque of the screws in the bracket  Lamp  type of light source  color of the light source  Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920  • with high demand rate according to SN 31920  Ambient conditions  ambient temperature		
type of light source color of the light source  Safety related data  B10 value with high demand rate according to SN 31920 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 Ambient conditions ambient temperature		
type of light source color of the light source  Safety related data  B10 value with high demand rate according to SN 31920 proportion of dangerous failures  • with low demand rate according to SN 31920 • with high demand rate according to SN 31920 failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions ambient temperature		
color of the light source  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 20 %  • with high demand rate according to SN 31920 20 %  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		LED
Safety related data  B10 value with high demand rate according to SN 31920  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920  • with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		
B10 value with high demand rate according to SN 31920  proportion of dangerous failures  • with low demand rate according to SN 31920  • with high demand rate according to SN 31920  failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		
proportion of dangerous failures  ● 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  Ambient conditions  ambient temperature		100 000
<ul> <li>with low demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature</li> </ul>		
<ul> <li>with high demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>Ambient conditions</li> <li>ambient temperature</li> </ul>		20 %
failure rate [FIT] with low demand rate according to SN 31920  Ambient conditions  ambient temperature		
Ambient conditions ambient temperature	failure rate [FIT] with low demand rate according to SN	
ambient temperature		
		-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)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	46.4 mm
installation width	60 mm
installation depth	48.6 mm
Accessories	
number of backing plates	1
marking of backing plate	none
color of backing plate	Yellow
Certificates/ approvals	

**(1)** 

**General Product Approval** 



Confirmation







**Declaration of** 

Conformity

Declaration of Conformity

**Test Certificates** 

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other





Confirmation

Environmental Confirmations

## 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=3SU1152-1GB20-3PW0

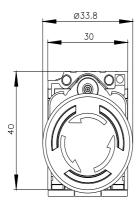
Cax online generator

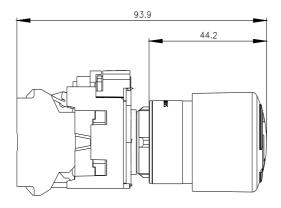
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-1GB20-3PW0

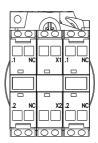
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-1GB20-3PW0

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=3SU1152-1GB20-3PW0&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-1GB20-3PW0&lang=en</a>







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