## SIEMENS

## Data sheet

## 3SU1100-1HB20-1PA0



EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, positive latching, acc. to EN ISO 13850, rotate-to-unlatch, without yellow backing plate, with holder, 1 NC, 1 NC, screw terminal

product brand name	SIRIUS ACT			
product designation	EMERGENCY STOP mushroom pushbuttons			
design of the product	Complete unit			
product type designation	3SU1			
product line	Plastic, black, 22 mm			
manufacturer's article number				
<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>			
<ul> <li>of supplied contact module at position 2</li> </ul>	<u>3SU1400-1AA10-1CA0</u>			
<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>			
<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1000-1HB20-0AA0</u>			
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	40 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	0			
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	No			
insulation voltage rated value	500 V			
degree of pollution	3			
type of voltage of the operating voltage	AC/DC			
surge voltage resistance rated value	6 kV			
protection class IP	IP66, IP67, IP69(IP69K)			

of the terminal         IP20, clamping server tightened           degree of protection NEMA rating         1, 2, 3, 3R, 4, 4X, 12, 13           shock resistance         sinusoidal half-wave 15g / 11 ms           correction resistance         category 1, Class B           vibration resistance         category 1, Class B           operating frequency maximum         600 1/h           mechanical service life (switching cycles) typical         300 000           electrical endurance (switching cycles) typical         300 000           continuous current of the QLAZED fuse link         10 A           continuous current of the QLAZED fuse link gG         10 A           continuous current of the QLAZED fuse link gG         10 A           operating voltage         5 500 V           e at AC         500 V           - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V <th>10</th>	10
shock resistance       sinusoidal half-wave 15g / 11 ms         • according to IEC 60068-2-27       sinusoidal half-wave 15g / 11 ms         • for railway applications according to EN 61373       Category 1, Class B         • brown resistance       10 500 Hz; 5g         • for railway applications according to EN 61373       Category 1, Class B         Operating frequency maximum       600 1/h         mechanical service life (switching cycles) typical       300 000         electrical endurance (switching cycles) typical       300 000         thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the Quize Dise link gG       10 A         continuous current of the QuizeD fuse link gG       10 A         Substance Prohibitance (Date)       100/1/2014         operating voltage       0 at AC         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V <t< td=""><td>10</td></t<>	10
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• for railway applications according to EN 61373       Category 1, Class B         • isocording to IEC 60068-2-6       10 500 Hz; 5g         • for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       600 1/h         mechanical service life (switching cycles) typical       300 000         electrical endurance (switching cycles) typical       300 000         thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the C characteristic MCB       10 A         continuous current of the Quick DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         continuous current of the DIAZED fuse link gG       10 A         continuous current of the DIAZED fuse link gG       10 A         e at AC       - at 50 Hz rated value         - at 50 Hz rated value       5 500 V         Power Electronics       - solo V         contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per malor malor for auxiliary contacts         number of NC contacts for auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       Q         number of NC contacts for auxiliary contacts       Contentions <t< td=""><td>10</td></t<>	10
vibration resistance <ul> <li>according to IEC 60068-2-6</li> <li>for railway applications according to EN 61373</li> <li>Category 1, Class B</li> <li>category 1, Class B</li> <li>operating frequency maximum</li> <li>G00 1/h</li> <li>mechanical service life (switching cycles) typical</li> <li>300 000</li> <li>electrical endurance (switching cycles) typical</li> <li>10 A</li> <li>reference code according to IEC 81346-2</li> <li>continuous current of the C characteristic MCB</li> <li>10 A, for a short-circuit current smaller than 400 A</li> <li>continuous current of the QLAZED fuse link gG</li> <li>10 A</li> <li>substance Prohibitance (Date)</li> <li>operating voltage</li> <li>et AC</li> <li>act 60 Hz rated value</li> <li>substance Prohibitance (Date)</li> <li>opor visual accessories</li> </ul> <ul> <li>act 60 Hz rated value</li> <li>substance Prohibitance (Date)</li> <li>opor visual accessories</li> <li>solo V</li> <li>act AC</li> <li>act 60 Hz rated value</li> <li>substance Prohibitance (Date)</li> <li>opover Electronics</li> <li>contact reliability</li> <li>mumber of NC contacts for auxiliary contacts</li> <li>number of NC contacts for auxiliary contacts</li> <li>of modules and accessories</li> <li>solid with core end processing</li> <li>acid with core end processing</li> </ul>	10
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• for railway applications according to EN 61373       Category 1, Class B         operating frequency maximum       600 1/h         mechanical service life (switching cycles) typical       300 000         electrical endurance (switching cycles) typical       300 000         thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the Characteristic MCB       10 A, for a short-circuit current smaller than 400 A         continuous current of the DIAZED fuse link gG       10 A         continuous current of the DIAZED fuse link gG       10 A         substance Prohibitance (Date)       10/01/2014         operating voltage       • at 50 Hz rated value         • at 50 Hz rated value       5 500 V         • at 60 Hz rated value       5 500 V         • at 50 Hz rated value       5 500 V         • at 50 Hz rated value       5 500 V         • at 50 Hz rated value       5 500 V         • at 50 Hz rated value       5 500 V         • at 50 Hz rated value       5 500 V         • contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       design of the contact of auxiliary contacts         design of the contact for auxiliary contacts	10
operating frequency maximum         600 1/h           mechanical service life (switching cycles) typical         300 000           electrical endurance (switching cycles) typical         300 000           electrical endurance (switching cycles) typical         300 000           thermal current         10 A           reference code according to IEC 81346-2         S           continuous current of the C characteristic MCB         10 A (s for a short-circuit current smaller than 400 A           continuous current of the DIAZED fuse link gG         10 A           Substance Prohibitance (Date)         10/01/2014           operating voltage         0           - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           Contact reliability         million (17 V, 5 mA), one maloperation per million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)           Auxiliary circuit         design of the contact of auxiliary contacts         2           number of NC contacts for auxiliary contacts         0 <td< td=""><td>10</td></td<>	10
mechanical service life (switching cycles) typical       300 000         electrical endurance (switching cycles) typical       300 000         thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the C characteristic MCB       10 A         continuous current of the Quick DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         substance Prohibitance (Date)       10/01/2014         operating voltage       e at AC         - at 50 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         e at DC rated value       5 500 V         e at DC rated value       5 500 V         e at 0 Hz rated value       5 500 V         e at 0 Hz rated value       5 500 V         e at 0 C rated value       5 500 V         e at 0 C rated value       5 500 V         Power Electronics       Contact reliability         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       Screw-type terminal         type of connectable conductor cross	10
electrical endurance (switching cycles) typical       300 000         thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the C characteristic MCB       10 A, for a short-circuit current smaller than 400 A         continuous current of the DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         Substance Prohibitance (Date)       10/01/2014         operating voltage <ul> <li>at AC</li> <li>- at 50 Hz rated value</li> <li>- sol0 V</li> <li>at DC rated value</li> <li>- sol0 V</li> </ul> e at DC rated value <ul> <li>- sol0 V</li> <li>- sol0 V</li> <li>- at 60 Hz rated value</li> <li>- sol0 V</li> </ul> Power Electronics <ul> <li>Contact reliability</li> <li>One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)</li> </ul> Auxiliary circuit <ul> <li>design of the contact of auxiliary contacts</li> <li>number of NC contacts for auxiliary contacts</li> <li>0</li> <li>Connections/ Terminals</li> <li>type of electrical connection</li> <li>of modules and accessories</li> <li>solid with core end processing</li> <li>2x (0.5 0.75 mm²)</li> <li>solid with core end processing</li> <li>2x (0.5 1.5 mm²)</li> <li>type of nucles</li></ul>	10
thermal current       10 A         reference code according to IEC 81346-2       S         continuous current of the C characteristic MCB       10 A; for a short-circuit current smaller than 400 A         continuous current of the Quick DIAZED fuse link       10 A         Substance Prohibitance (Date)       10/01/2014         operating voltage       10/01/2014         - at 50 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 60 Hz rated value       5 500 V         - at 6	10
reference code according to IEC 81346-2       S         continuous current of the C characteristic MCB       10 A; for a short-circuit current smaller than 400 A         continuous current of the quick DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         substance Prohibitance (Date)       10/01/2014         operating voltage       10/01/2014         • at AC       - at 50 Hz rated value         - at 60 Hz rated value       5 500 V         • at DC rated value	10
continuous current of the C characteristic MCB       10 A; for a short-circuit current smaller than 400 A         continuous current of the quick DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         Substance Prohibitance (Date)       10/01/2014         operating voltage <ul> <li>at AC</li> <li>at AC</li> <li>at BC rated value</li> <li>s 500 V</li> <li>at DC rated value</li> <li>billion (5 V, 1 mA)</li> </ul> Auxiliary circuit       design of the contact of auxiliary contacts               design of the contact for auxiliary contacts             Silver alloy               number of NC contacts for auxiliary contacts             2               number of NO contacts for auxiliary contacts             0               connections/ Terminals             Screw-type terminal               type of electrical connection             Screw-type terminal               solid with core end processing <li>a (10, 15 mm²)</li> <li>a (0.5, 0.75 mm²)</li> <li>a solid with core end processing</li> <li>2x (0.5, 1.5 mm²)</li> <li>2x (0.5, 1.5 mm²)</li>	10
continuous current of the quick DIAZED fuse link       10 A         continuous current of the DIAZED fuse link gG       10 A         Substance Prohibitance (Date)       10/01/2014         operating voltage       10/01/2014         • at AC	10
continuous current of the DIAZED fuse link gG       10 A         Substance Prohibitance (Date)       10/01/2014         operating voltage       • at AC         at 50 Hz rated value       5 500 V         at 60 Hz rated value       5 500 V         • at DC rated value       5 500 V         • at DC rated value       5 500 V         • at DC rated value       5 500 V         Power Electronics       0         contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       2         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/Terminals       Screw-type terminal         type of electrical connection       solid with core end processing         • solid with core end processing       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mr²)         • finely stranded with core end processing       2x (0.5 0.75 mr²)	10
Substance Prohibitance (Date)       10/01/2014         operating voltage       • at AC         at 50 Hz rated value       5 500 V         at 60 Hz rated value       5 500 V         • at DC rated value       5 500 V         • at DC rated value       5 500 V         • at DC rated value       5 500 V         Power Electronics       0         contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       Silver alloy         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       V         type of electrical connection       of modules and accessories         • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (0.5 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
operating voltage         • at AC         at 50 Hz rated value         at 60 Hz rated value         at 60 Hz rated value         • at DC contacts for auxiliary contacts         • at DC contacts for auxiliary contacts         • at period on the contact of aux	10
• at AC         - at 50 Hz rated value         5 500 V           - at 60 Hz rated value         5 500 V           • at DC rated value         5 500 V           • at DC rated value         5 500 V           Power Electronics         One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)           Auxiliary circuit         One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)           Auxiliary circuit         Silver alloy           design of the contact of auxiliary contacts         Silver alloy           number of NC contacts for auxiliary contacts         0           Connections/ Terminals         0           type of electrical connection         screw-type terminal           • of modules and accessories         Screw-type terminal           type of connectable conductor cross-sections         \$x (0.5 0.75 mm²)           • solid with core end processing         2x (0.5 1.5 mm²)           • finely stranded with core end processing         2x (0.5 1.5 mm²)	10
at 50 Hz rated value       5 500 V         at 60 Hz rated value       5 500 V         • at DC rated value       5 500 V         Power Electronics       0ne maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       Silver alloy         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       5         type of electrical connection       of modules and accessories         • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
at 60 Hz rated value       5 500 V         • at DC rated value       5 500 V         Power Electronics       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       Silver alloy         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       Screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       \$x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
• at DC rated value       5 500 V         Power Electronics       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       Silver alloy         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       Screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (0.5 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
Power Electronics         contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       design of the contact of auxiliary contacts         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
Power Electronics         contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       design of the contact of auxiliary contacts         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	10
contact reliability       One maloperation per 100 million (17 V, 5 mA), one maloperation per million (5 V, 1 mA)         Auxiliary circuit       design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2       0         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       Screw-type terminal         type of electrical connection       Screw-type terminal         o f modules and accessories       Screw-type terminal         solid with core end processing       2x (0.5 0.75 mm²)         e solid with core end processing       2x (1.0 1.5 mm²)         e finely stranded with core end processing       2x (0.5 0.75 mm²)	10
Auxiliary circuit       million (5 V, 1 mA)         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 0.75 mm²)	
Auxiliary circuit         design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       screw-type terminal         type of connectable conductor cross-sections       solid with core end processing         solid without core end processing       2x (0.5 0.75 mm²)         e finely stranded with core end processing       2x (0.5 1.5 mm²)	
design of the contact of auxiliary contacts       Silver alloy         number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection       screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 0.75 mm²)	
number of NC contacts for auxiliary contacts       2         number of NO contacts for auxiliary contacts       0         Connections/ Terminals       0         type of electrical connection <ul> <li>of modules and accessories</li> <li>Screw-type terminal</li> </ul> type of connectable conductor cross-sections <ul> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>2x (1.0 1.5 mm²)</li> <li>finely stranded with core end processing</li> <li>2x (0.5 0.75 mm²)</li> </ul>	
number of NO contacts for auxiliary contacts       0         Connections/ Terminals       5         type of electrical connection       Screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 0.75 mm²)	
Connections/ Terminals         type of electrical connection         • of modules and accessories         Screw-type terminal         type of connectable conductor cross-sections         • solid with core end processing         2x (0.5 0.75 mm²)         • solid without core end processing         2x (1.0 1.5 mm²)         • finely stranded with core end processing	
type of electrical connection       Screw-type terminal         • of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections          • solid with core end processing       2x (0.5 0.75 mm²)         • solid without core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 1.5 mm²)	
• of modules and accessories       Screw-type terminal         type of connectable conductor cross-sections       2x (0.5 0.75 mm²)         • solid with core end processing       2x (1.0 1.5 mm²)         • finely stranded with core end processing       2x (0.5 0.75 mm²)	
type of connectable conductor cross-sections• solid with core end processing2x (0.5 0.75 mm²)• solid without core end processing2x (1.0 1.5 mm²)• finely stranded with core end processing2x (0.5 1.5 mm²)	
<ul> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>2x (0.5 0.75 mm<sup>2</sup>)</li> <li>2x (1.0 1.5 mm<sup>2</sup>)</li> <li>2x (0.5 1.5 mm<sup>2</sup>)</li> </ul>	
<ul> <li>solid without core end processing 2x (1.0 1.5 mm<sup>2</sup>)</li> <li>finely stranded with core end processing 2x (0.5 1.5 mm<sup>2</sup>)</li> </ul>	
• finely stranded with core end processing 2x (0.5 1.5 mm <sup>2</sup> )	
• finely stranded without core end processing 2x (1,0 1,5 mm <sup>2</sup> )	
• at AWG cables 2x (18 14)	
tightening torque of the screws in the bracket 1 1.2 N·m	
tightening torque for auxiliary contacts with screw-type 0.8 0.9 N·m	
terminals	
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	
• during operation -25 +70 °C	
• during operation -25 +70 °C	
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no	
60721 condensation in operation permitted for all devices behind front pane	
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		
-	f installation diameter	0.4			
mounting height			mm		
installation width		40 n			
installation depth			mm		
ccessories					
number of backing	olates	0			
ertificates/ approval					
General Product Ap					Declaration of Conformity
SP M		<u>Confirmation</u>		EHC	CE EG-Konf.
Declaration of Conformity	Test Certificates		Marine / Shipping		
UK CA	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS	Lloyd's Register uis	PRS
Marine / Shipping		other			
RINA	RMRS	Confirmation	Environmental Con- firmations		
Further information Information- and Do <u>https://www.siemens.</u> Industry Mall (Onlin	wnloadcenter (Catalog com/ic10	gs, Brochures,)			

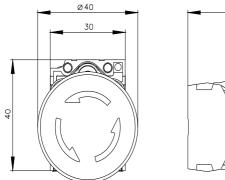
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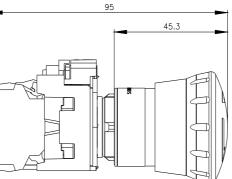
Cax online generator

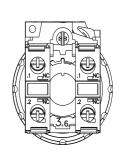
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-1HB20-1PA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1100-1HB20-1PA0&lang=en







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