# SIEMENS

#### Data sheet

### 3SU1152-0AB20-1CA0-Z Y19



Illuminated pushbutton, 22 mm, round, metal, shiny, red, pushbutton, flat, momentary contact type, with holder, 1NC, LED module with integrated LED 24 V AC/DC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product brand name         SIRUS ACT           product designation         Illuminated pushbuttons           design of the product         Complete unit           product type designation         3SU1           product line         Metal, shiny, 22 mm           manufacturer's article number         SU1400-1AA10-1CA0           • of supplied cate module at position 1         SU1400-1AA10-1CA0           • of the supplied actuator         SU1400-1AA10-1CA0           • of the supplied actuator         SU150-0AA10-2AA0           • of the supplied actuator         SU150-0AA10-2AA0           • of the supplied actuator         SU1051-0AB20-0AA0           • of the supplied actuator         SU1051-0AB20-0AA0           number of command points         1           design of the actuating element         Button, flat           product actination optional light source         Yes           color of the actuating element         red           material of the actuating element         Pasto           shape of the actuating element         round           outer diameter of the actuating element         round           outer diameter of the actuating element         round           matrial of the actuating element         round           outer diameter of the actuating element		
design of the product       Complete unit         product type designation       3SU1         product line       Metal, shiny, 22 mm         manufacturer's article number       SU1400-1AA10-1CA0         • of supplied outpath module at position 1       SU1400-1AA20         • of supplied LED module       3SU1401-1BB20-1AA0         • of the supplied actuator       3SU1651-0AB20-0AA0         • of the supplied actuator       3SU1051-0AB20-0AA0         • of the supplied noticer       1         Actuator       1         design of the actuating element       Button, flat         product extension optional light source       Yes         color of the actuating element       red         material of the actuating element       red         outer diameter of the actuating element       red         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRUS ACT         confort the actuating element       Any inscription, text or symbol, can only be ordered via SIRUS ACT         color of the actuating element       Any inscription, text or symbol, can only be ordered via SIRUS ACT         color of the actuating element       red         product extension optional light source       1         Front ring       Yes         design of the f	product brand name	SIRIUS ACT
product type designation         3SU1           product line         Metal, shiny, 22 mm           manufacturer's article number            • of supplied contact module at position 1         3SU1400-1AA10-1CAQ           • of supplied contact module         3SU1500-0AA10-0AAQ           • of the supplied actuator         3SU1500-0AA10-0AAQ           • of the supplied cutator         3SU1500-0AA10-0AAQ           • of the supplied cutator         3SU1500-0AA10-0AAQ           • of the supplied cutator         3SU1500-0AA10-0AAQ           • of the supplied scutator         3SU1500-0AA10-0AAQ           • of the supplied scutator         3SU1500-0AA10-0AAQ           • of the supplied scutator         3SU161-0AB20-0AAQ           number of command points         1           Actuator         design of the actuating element         momentary contact type           product extension optional light source         Yes         Yes           color of the actuating element         red         material of the actuating element         round           outer diameter of the actuating element         29.45 mm         material of the actuating element         any inscription, text or symbol, can only be ordered via SIRUS ACT           color of the actuating element         29.45 mm         any inscription, text or symbol, can only be ordered via SIR	product designation	Illuminated pushbuttons
product line         Metal, shiny, 22 mm           manufacturer's article number         SSU1400-1AA10-1CA0           • of supplied contact module at position 1         SSU1400-1AA10-1CA0           • of the supplied holder         SSU1550-0AA10-0AA0           • of the supplied bolder         SSU1550-0AA10-0AA0           • of the supplied actuator         SSU1550-0AA10-0AA0           • of the supplied actuator         SSU1501-0AB20-0AA0           number of command points         1           Actuator         Metal, shiny, 22 mm           design of the actuating element         Button, flat           principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         red           material of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         round           material of the actuating element         round           product component front ring         Yes           design of the front ing         Standard           material of the font ring         Standard           material of the fonder         Plastic           Display         inderial of t	design of the product	Complete unit
manufacturer's article number     3SU1400-1AA10-1CA0       • of supplied LED module     3SU1401-1BB20-1AA0       • of the supplied holder     3SU1550-0AA0       • of the supplied actuator     3SU1501-0AB20-0AA0       • of the supplied actuator     3SU1051-0AB20-0AA0       • of the supplied actuator     3SU1051-0AB20-0AA0       • of the supplied actuator     3SU1051-0AB20-0AA0       • of the actuating element     1       Actuator     design of the actuating element     momentary contact type       product extension optional light source     Yes     Color of the actuating element       red     material of the actuating element     plastic       shape of the actuating element     red       marking of the actuating element     round       outer diameter of the actuating element     29.45 mm       marking of the actuating element     29.45 mm       marking of the actuating element     Standard       product component front ring     Yes       design of the front ring     Standard       material of the front ring     Metal, high gloss       color of the front ring     Metal, high gloss       color of the front ring     Metal, high gloss       color of the front ring     Yes       material of the holder     Plastic       Display     1       Gener	product type designation	3SU1
of supplied LED module at position 1     SU1400-1AA10-1CA0     SU1401-1BE20-1AA0     of the supplied LED module     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1BE20-1AA0     SU1401-1AE00-0AA0     SU1401-1AE00-0AA0     SU1401-1AE00-0AA0     SU1401-1AE00-0AA0     SU1401-1BE20-1AA0     SU140-1AA00     SU140-1AA00	product line	Metal, shiny, 22 mm
	manufacturer's article number	
• of the supplied holder       3SU1550-0AA10-0AA0         • of the supplied actuator       3SU1051-0AB20-0AA0         number of command points       1         Actuator       1         design of the actuating element       Button, flat         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       red         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT         configurator/Configurator/Configuration Number (CIN)       number of contact modules         1       front ring         product component front ring       Yes         design of the front ring       Standard         material of the holder       Plastic         Display       1         number of LED modules       1         General tochnical data       product function positive opening         yrea of valtage resistance rated value       320 V         degree of pollution       3         type of valtage of the operating volt	<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1CA0</u>
• of the supplied actuator     3SU1051-0A820-0AAQ       number of command points     1       Actuator	<ul> <li>of supplied LED module</li> </ul>	<u>3SU1401-1BB20-1AA0</u>
number of command points       1         Actuator	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
Actuator       Button, flat         design of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       red         material of the actuating element       plastic         shape of the actuating element       red         outer diameter of the actuating element       29.45 mm         marking of the actuating element       29.45 mm         marking of the actuating element       configurator/Con	<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1051-0AB20-0AA0</u>
design of the actuating element     Button, flat       principle of operation of the actuating element     momentary contact type       product extension optional light source     Yes       color of the actuating element     red       material of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     29.45 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT       configurator/Configurator/Configurator/Industry     Configurator/Configura	number of command points	1
principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         red           material of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         29.45 mm           marking of the actuating element         29.45 mm           marking of the actuating element         Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)           number of contact modules         1           Front ring         Yes           design of the front ring         Standard           material of the front ring         Standard           material of the front ring         silver           Holder         Plastic           material of the holder         Plastic           Display         Inumber of LED modules           number of LED modules         1           general technical data         Yes           product function positive opening         Yes           insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/D	Actuator	
product extension optional light source     Yes       color of the actuating element     red       material of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     29.45 mm       marking of the actuating element     Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)       number of contact modules     1       Front ring     Yes       design of the front ring     Yes       design of the front ring     Standard       material of the holder     Plastic       Display     Inumber of LED modules       1     General technical data       product function positive opening     Yes       insulation voltage rated value     320 V       degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	design of the actuating element	Button, flat
color of the actuating element       red         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the actuating element       29.45 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Config	principle of operation of the actuating element	momentary contact type
material of the actuating element         plastic           shape of the actuating element         round           outer diameter of the actuating element         29.45 mm           marking of the actuating element         Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configurator Number (CIN)           number of contact modules         1           Front ring         Yes           design of the front ring         Standard           material of the front ring         Metal, high gloss           color of the front ring         silver           Holder         Plastic           Display            number of LED modules         1           general technical data         Yes           product component light source         Yes           insulation voltage rated value         320 V           degree of pollution         3           type of voltage of the operating voltage         AC/DC           surge voltage resistance rated value         4 kV	product extension optional light source	Yes
shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configurator/Configurator/Instruction Number (CIN)         number of contact modules       1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         Display       1         number of LED modules       1         general technical data       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	color of the actuating element	red
outer diameter of the actuating element29.45 mmmarking of the actuating elementAny inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)number of contact modules1Front ringYesproduct component front ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilverHolderPlasticDisplaynumber of LED modulesproduct function positive openingYesproduct function positive openingYesinsulation voltage rated value320 Vdegree of pollution3type of voltage of the operating voltageAC/DCsurge voltage resistance rated value4 kV	material of the actuating element	plastic
marking of the actuating element       Any inscription, text or symbol, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN)         number of contact modules       1         Front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         Display       1         number of LED modules       1         general technical data       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	shape of the actuating element	round
number of contact modules       1         Front ring       Yes         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         Display       1         number of LED modules       1         general technical data       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	outer diameter of the actuating element	29.45 mm
Front ring         product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         Display       number of LED modules         product function positive opening       Yes         product function positive opening       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	marking of the actuating element	
product component front ring       Yes         design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       material of the holder         material of the holder       Plastic         Display       1         General technical data       roduct function positive opening         product function positive opening       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	number of contact modules	1
design of the front ring       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       product function positive opening         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	Front ring	
material of the front ring       Metal, high gloss         color of the front ring       silver         Holder       Plastic         material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       Yes         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	product component front ring	Yes
color of the front ring       silver         Holder       Plastic         material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       Yes         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	design of the front ring	Standard
Holder       Plastic         Display       1         number of LED modules       1         General technical data       1         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	material of the front ring	Metal, high gloss
material of the holder       Plastic         Display       1         number of LED modules       1         General technical data       1         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	color of the front ring	silver
Display       1         General technical data       1         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	Holder	
number of LED modules       1         General technical data	material of the holder	Plastic
General technical data         product function positive opening       Yes         product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	Display	
product function positive opening     Yes       product component light source     Yes       insulation voltage rated value     320 V       degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	number of LED modules	1
product component light source       Yes         insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	General technical data	
insulation voltage rated value       320 V         degree of pollution       3         type of voltage of the operating voltage       AC/DC         surge voltage resistance rated value       4 kV	product function positive opening	Yes
degree of pollution     3       type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	product component light source	Yes
type of voltage of the operating voltage     AC/DC       surge voltage resistance rated value     4 kV	insulation voltage rated value	320 V
surge voltage resistance rated value 4 kV	degree of pollution	3
	type of voltage of the operating voltage	AC/DC
protection class IP IP66, IP67, IP69(IP69K)	surge voltage resistance rated value	4 kV
	protection class IP	IP66, IP67, IP69(IP69K)
• of the terminal IP20	<ul> <li>of the terminal</li> </ul>	IP20

degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
vibration resistance	
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
operating frequency maximum	3 600 1/h
mechanical service life (operating cycles) typical	3 000 000
electrical endurance (operating cycles) typical	10 000 000
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 quick DIAZED fuse link	10 A
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
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
	(5 V, 1 mA)
Supply voltage	
type of voltage of the supply voltage of the light source	AC/DC
supply voltage of the light source at AC	
• at 50 Hz rated value	24 V
• at 60 Hz rated value	24 V
supply voltage 1 of the light source at DC rated value	24 V
Control circuit/ Control	
inrush current of LED module maximum	2 A
Auxiliary circuit	
Auxiliary circuit design of the contact of auxiliary contacts	Silver alloy
	Silver alloy
design of the contact of auxiliary contacts	
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts Connections/ Terminals	1
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts	1 0
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection	1 0 screw-type terminals
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections	1 0 screw-type terminals Screw-type terminal
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories	1 0 screw-type terminals
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> )
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> )
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> )
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14)
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,8 14) 1 1.2 N·m
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> )
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m         LED         red
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m         LED         red
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m         LED         red         450 1 120 mcd
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (1.0 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED red 450 1 120 mcd
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m         LED         red         450 1 120 mcd
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation	1 0 screw-type terminals Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (1.0 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m LED red 450 1 120 mcd
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,2 N·m         0.8 0.9 N·m         LED         red         450 1 120 mcd         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Installation/ mounting/ dimensions	1         0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (1,0 1,2 mm²)         2x (1,0 1,2 mm²)         2x (1,0 1,2 mm²)         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Lamp         type of light source         color of the light source         light intensity         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721	1       0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1.0 1.2 mm²)         -25 +70 °C         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         reation permitted for all devices behind front panel)
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection <ul> <li>of modules and accessories</li> <li>type of connectable conductor cross-sections</li> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul> <li>tightening torque of the screws in the bracket</li> <li>tightening torque with screw-type terminals</li> <li>Lamp</li> <li>type of light source</li> <li>color of the light source</li> <li>light intensity</li> <li>Ambient conditions         <ul> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> </li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> </ul> </li>	1       0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1.0 1.2 mm²)         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         ront plate mounting         Front plate mounting
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection <ul> <li>of modules and accessories</li> <li>type of connectable conductor cross-sections</li> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul> <li>tightening torque of the screws in the bracket</li> <li>tightening torque with screw-type terminals</li> <li>Lamp</li> <li>type of light source</li> <li>color of the light source</li> <li>light intensity</li> <li>Ambient conditions         <ul> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> </li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> <li>height</li> </ul> </li>	1       0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1.0 1,5 mm²)         2x (1.0 1,2 N·m         0.8 0.9 N·m         LED         red         450 1 120 mcd         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         tront plate mounting         Front plate mounting         Front plate mounting         40 mm
design of the contact of auxiliary contacts         number of NC contacts for auxiliary contacts         number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection <ul> <li>of modules and accessories</li> <li>type of connectable conductor cross-sections</li> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul> <li>tightening torque of the screws in the bracket</li> <li>tightening torque with screw-type terminals</li> <li>Lamp</li> <li>type of light source</li> <li>color of the light source</li> <li>light intensity</li> <li>Ambient conditions         <ul> <li>ambient temperature</li> <li>during operation</li> <li>during storage</li> <li>environmental category during operation according to IEC 60721</li> </ul> </li> <li>Installation/ mounting/ dimensions</li> <li>fastening method         <ul> <li>of modules and accessories</li> </ul> </li>	1       0         screw-type terminals         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1.0 1.2 mm²)         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         ront plate mounting         Front plate mounting

mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm
installation width	29.5 mm
installation depth	49.7 mm
Certificates/ approvals	

Siemens has decided to exit the Russian market (see here).

https://pres n/global/en/pressrelease/sig ens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1152-0AB20-1CA0-Z Y19

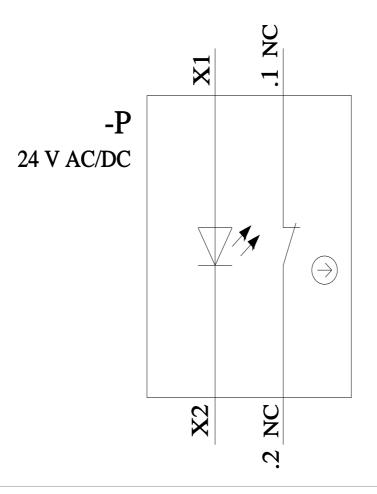
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-0AB20-1CA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-0AB20-1CA0-Z Y19

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1152-0AB20-1CA0-Z Y19&lang=en



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1/26/2022

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