SIEMENS

Data sheet



Pushbutton, 22 mm, round, plastic, yellow, pushbutton, flat, momentary contact type, with holder 1 NO+1 NC, screw terminal, with laser labeling, upper case

	SIRIUS ACT
product designation	Pushbuttons
design of the product	Complete unit
product type designation	3SU1
product line	Plastic, black, 22 mm
manufacturer's article number	
 of supplied contact module at position 1 	3SU1400-1AA10-1FA0
of the supplied holder	3SU1500-0AA10-0AA0
of the supplied actuator	3SU1000-0AB30-0AA0
number of command points	1
Actuator	
design of the actuating element	Button, flat
principle of operation of the actuating element	momentary contact type
product extension optional light source	No
color of the actuating element	yellow
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 in upper case
number of contact modules	1
Front ring	
product component front ring	Yes
design of the front ring	Standard
material of the front ring	plastic
color of the front ring	black
Holder	
material of the holder	Plastic
Display	
number of LED modules	0
General technical data	
product function positive opening	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)

degree of protection NEMA rating shock resistance a cate to 15C 600083-2-27 • for railway applications acc. to DIN EN 61373 vibration resistance • and to 16C 600083-2-36 • for railway applications acc. to DIN EN 61373 vibration resistance • and to 16C 600083-2-36 • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 category 1, Class B 10 . 500 Hz: 5g • for railway applications acc. to DIN EN 61373 continuous current of the quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link of 10 A 10 continuous current of the Quick DAZED fuse link ocntinuous current of the DIAZED fuse link of 10 A 10 continuous current of the DIAZED fuse link ocntinuous current of the Quick DAZED fuse link ocntinuous current of the Quick DAZED fuse li	of the terminal	IP20, clamping screw tightened
shock resistance a act to IEC 60068-2-27 • for railway applications act. to DIN EN 61373 Vibration resistance • act to IEC 60068-2-6 • for railway applications act. to DIN EN 61373 Category 1, Class B 10 500 Hz. 5g Category 1, Class Hz. 5g Category		
e acc. to IEC 6008-2-27 for railway applications acc. to DIN EN 61373 vibration resistance e acc. to IEC 6008-2-6 for railway applications acc. to DIN EN 61373 category 1, Class B 10 500 Hz. 5g operating frequency maximum mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical to 000 000 terreference code acc. to IEC 81345-2 continuous current of the Quick DAZED fuse link to A reference code acc. to IEC 81345-2 continuous current of the DIAZED fuse link to A continuous current of the DIAZED fuse link to A continuous current of the DIAZED fuse link to A - operating voltage at DC rated value - operating voltage at DC rated va		1, 2, 3, 313, 4, 40, 12, 13
For railway applications acc. to DIN EN 61373 Vibration resistance		Sinuspidal half ways E0g / 11 mg
where the contact of auxiliary contacts of auxiliary contacts for au		
e acc. to IEC 6008-82-6 e for railway applications acc. to DIN EN 61373 Category 1, Class B operating frequency maximum mechanical service life (switching cycles) typical 10 000 000 thermal current		Category 1, Class B
e for railway applications acc, to DIN EN 61373 operating frequency maximum mechanical service life (ewitching cycles) typical electrical endurance (switching cycles) typical thermal current 10 A reference code acc, to IEC 813464 S continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link G entinuous current of the DIAZED fuse link G continuous current of the DIAZED fuse link G experiating voltage at AC		40 500 11 5
operating frequency maximum 3 600 1/h mechanical service life (switching cycles) typical 10 0000 000 thermal current 7 10 0 0 0000 000 thermal current 7 10 0 0000 000 thermal current 7 10 0 0 0000 000 thermal current 7 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		· ·
mechanical service life (switching cycles) typical electrical endurance (switching cycles) typical thermal current 10 A reference code acc. to IEC 81346-2 S continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link g • operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value 5 500 V - operating voltage at DC rated value 5 500 V - operating voltage at DC rated value 5 500 V - over Electronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 ype of electrical connection of modules and accessories 1 type of connectable conductor cross-sections • solid without core end processing • solid without core end processing • solid without core end processing • at AWC cables • tightening torque of the screws in the bracket • tightening torq		
electrical endurance (switching cycles) typical thermal current reference code acc. to IEC 81346-2 continuous current of the Quick DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value — at 80 Hz rated value — at 80 Hz rated value — operating voltage at DC rated value • operating voltage at DC rated v		
thermal current reference code acc. to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the Quick DIAZED fuse link continuous current of the DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value 5 500 V • operating voltage at DC rated value 5 500 V Power Electronics contact reliability Cone maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 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 • at AVC cables tightening torque with screw-type terminals 1 (10 1.5 mm²) 2 (10 1.5 mm²) 2 (10 1.5 mm²) 2 (10 1.5 mm²) 2 (10 1.5 mm²) 3 (10 1.5 mm²) 4 at AVC cables • ambient temperature during operation • ambient temperature during storage environmental category during operation • ambient temperature during storage environmental category during operation • of modules and accessories Front plate mounting finely the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 29.5 mm Front plate mounting		
reference code acc. to IEC 81346-2 continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the Quick DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — operating voltage at DC rated value **Context reliability** One malogeration per 100 million (17 V. 5 mA), one maloperation per 10 million (5 V. 1 mA) **Auxiliary circuit* Auxiliary circuit* design of the contact of auxiliary contacts 1 unmber of NC contacts for auxiliary contacts 1 unmber of NO contacts for auxiliary contacts 1 volume of NC contacts for auxiliary contacts 1 volume of NC contacts for auxiliary contacts 2 volume of NC contacts for auxiliary contacts 1 volume of NO contacts for auxiliary contacts 2 volume of NC contacts for auxiliary contacts 3 volume of NC contacts for auxiliary contacts 4 volume of NC contacts for auxiliary contacts 2 volume of NC contacts for auxiliary contacts 3 volume of NC contacts for auxiliary contacts 4 volume of NC contacts for auxiliary contacts 4 volume of NC contacts for auxiliary contacts 5 volu		
continuous current of the C characteristic MCB continuous current of the quick DIAZED fuse link continuous current of the quick DIAZED fuse link continuous current of the pulck DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value • operating voltage at DC rated value		
continuous current of the quick DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — operating voltage at DC rated value 5 500 V Power Electronics contact reliability Consecutory Consecuto	reference code acc. to IEC 81346-2	S
eontinuous current of the DIAZED fuse link gG • operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — soperating voltage at DC rated value • operating voltage at DC rated value • soll of William (6 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 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 with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without ore end processing • at AWG cables 2x (10 1.5 mm²) • at AWG cables 1 1.2 N·m • tightening torque with screw-type terminals • tightening torque with screw-type terminals • ambient temperature during operation • ambient temperature during storage • any of the screws in the bracket • tightening torque with screw-type terminals • ambient temperature during storage • any of the screws in the bracket • tightening torque with screw-type terminals • ambient temperature during storage • any of the screws in the bracket • tightening torque with screw-type terminals • any of the screws in the bracket • tightening torque with screw-type terminals • any of the screws in the bracket • tightening torque with screw-type terminals • any of the screws in the bracket • tightening torque with screw-type terminals • any of the screws in the bracket • tightening torq	continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A
operating voltage at AC — at 60 Hz rated value — at 60 Hz rated value operating voltage at DC rated value on the value of	continuous current of the quick DIAZED fuse link	10 A
- at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V Power Electronics contact reliability	continuous current of the DIAZED fuse link gG	10 A
- at 60 Hz rated value • operating voltage at DC rated value • operating voltage at DC rated value • operating voltage at DC rated value Power Elschronics contact reliability Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections • solid with core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket • tightening torque with screw-type terminals • ambient temperature during operation • ambient temperature during operation • ambient temperature during operation • ambient temperature during operation acc. to IEC 60721 cervironmental category during operation acc. to IEC 60721 for modules and accessories height width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height 11 mm Installation width 15 mm 17 mm Certificates's approvals Further information	 operating voltage at AC 	
operating voltage at DC rated value S500 V Power Eloctronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories type of electrical connection of modules and accessories is olid without core end processing • solid without core end processing • solid without core end processing ifinely stranded with oore end processing • ifinely stranded with oore end processing • at AVMC cables 2x (101,5 mm²) • ifinely stranded with core end processing • at AVMC cables 2x (101,5 mm²) • itightening torque of the screws in the bracket 11,2 N·m • lightening torque with screw-type terminals Ambient temperature during operation • of modules and accessories fastening method • of modules and accessories front pale mounting mounting diameter positive tolerance of installation diameter mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation depth Certificates/ approvals Further information	— at 50 Hz rated value	5 500 V
operating voltage at DC rated value S500 V Power Eloctronics contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories type of electrical connection of modules and accessories is olid without core end processing • solid without core end processing • solid without core end processing ifinely stranded with oore end processing • ifinely stranded with oore end processing • at AVMC cables 2x (101,5 mm²) • ifinely stranded with core end processing • at AVMC cables 2x (101,5 mm²) • itightening torque of the screws in the bracket 11,2 N·m • lightening torque with screw-type terminals Ambient temperature during operation • of modules and accessories fastening method • of modules and accessories front pale mounting mounting diameter positive tolerance of installation diameter mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation depth Certificates/ approvals Further information	— at 60 Hz rated value	
Contact reliability One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 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 without core end processing • finely stranded without core end processing • at AWG cables tightening torque of the screws in the bracket • tightening torque with screw-type terminals Ambient conditions • ambient temperature during operation • ambient temperature during operation • ambient temperature during operation acc. to IEC 60721 condensation in operation per 100 million (17 V, 5 mA), one maloperation pmillion (5 V, 1 mA) One maloperation per 100 million (17 V, 5 mA), one maloperation pmillion (5 V, 1 mA) Silver alloy 1 connections Screw-type terminal 2 x (0.5 0.75 mm²) 2 x (1.0 1.5 mm²) 3 x (1.0 1.5 mm²) 4 x (1.0		
contact reliability Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NC contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories type of connectable conductor cross-sections • solid with core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables tightening torque of the screws in the bracket • tightening torque with screw-type terminals Ambient conditions • ambient temperature during operation • ambient temperature during operation acc. to IEC environmental category during operation acc. to IEC for modules and accessories finely the initialitation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation width installation width installation diameter positive information One maloperation per 100 million (V, 1 mA) Silver alloy sliver allo		
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 1 connections/ Terminals type of electrical connection of modules and accessories type of electrical connection of modules and accessories * solid with core end processing * solid with out core end processing * finely stranded with core end processing * at AWG cables * tightening torque of the screws in the bracket * tightening torque with screw-type terminals * one ambient temperature during operation * one ambient temperature during storage * one ondensation in operation permitted for all devices behind front panel) * installation/ mounting/ dimensions * front plate mounting * of modules and accessories * Front plate mounting * one of modules and accessories * Front plate mounting * one of the installation opening * mounting diameter * one of the installation depth * one of the installation depth * one of the installation diameter * one of the installation depth		One maloneration per 100 million (17 \/ 5 m/\) and maloneration per 10
Auxiliary circuit design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1 number of NO contacts for auxiliary contacts 2 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 • at AWG cables • tightening torque of the screws in the bracket • tightening torque with screw-type terminals Ambient temperature during operation • ambient temperature during operation • ambient temperature during operation acc. to IEC 60721 cenvironmental category during operation acc. to IEC 60721 condensation in operation permitted for all devices behind front panel Installation/ mounting/ dimensions fastening method • of modules and accessories height width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 1 mm installation width 1 mm installation width 1 mm installation opening forth panel mounting forth panel formation Silver alloy 1	Contact renability	
design of the contact of auxiliary contacts number of NC contacts for auxiliary contacts 1	Auxiliary circuit	
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		Silver alloy
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection of modules and accessories Screw-type terminal type of connectable conductor cross-sections Screw-type terminal • 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 (1.0 1,5 mm²) • finely stranded without core end processing 2x (1.0 1,5 mm²) • at AWG cables 2x (1.8 14) tightening torque of the screws in the bracket 1 1.2 N·m • tightening torque with screw-type terminals 0.8 0.9 N·m Ambient conditions • ambient temperature during operation -25 +70 °C • ambient temperature during storage -40 +80 °C environmental category during operation acc. to IEC 60721 40 +80 °C Installation/ mounting/ dimensions Front panel mounting fastening method front panel 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 h		
type of electrical connection of modules and accessories type of connectable conductor cross-sections • solid with core end processing • solid without core end processing • solid without core end processing • finely stranded with core end processing • at AWG cables • at AWG cables • tightening torque of the screws in the bracket • tightening torque with screw-type terminals • ambient temperature during operation • ambient temperature during operation acc. to IEC 60721 responsibility of modules and accessories fastening method • of modules and accessories felight height width shape of the installation diameter mounting diameter positive tolerance of installation diameter mounting height installation depth Certificates/ approvals Fund of serving screen and accessories Screw-type terminal \$2x (1.5 0.75 mm²) 2x (1.5 1.5 mm²) 2x (1.5 1.5 mm²) 2x (1.5 1.5 mm²) 2x (1.6 1.5 mm²)		
type of electrical connection of modules and accessories type of connectable conductor cross-sections • solid with core end processing • finely stranded with core end processing • finely stranded with core end processing • at AWG cables • at AWG cables • dightening torque of the screws in the bracket • tightening torque with screw-type terminals • ambient conditions • ambient temperature during operation • ambient temperature during operation • ambient temperature during operation acc. to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width shape of the installation diameter mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation dopth Certificates/ approvals Further Information	_	
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 • finely stranded without core end processing • at AWG cables 2x (1.0 1.5 mm²) • at AWG cables 2x (1.0 1.5 mm²) • tightening torque of the screws in the bracket • tightening torque with screw-type terminals • ambient conditions • ambient temperature during operation • ambient temperature during operation • ambient temperature during storage • environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth Certificates/ approvals Further information		
solid with core end processing solid without end processing solid without screw-lye terminals solid without screw-lye terminals solid without end with servew-lye terminals solid with visit relative are humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions front panel mounting front panel mounting front panel mounting solid with relative air humidity of 10 95 %, no condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions front panel mounting		Screw-type terminal
solid without core end processing ifinely stranded with core end processing ifinely stranded with core end processing ifinely stranded without core end processing if in it is not part of the strand without core end processing if in it is not part of the strand without core end processing if in it is not part of the strand without core end processing if in it is not part of the strand without core end processing if in it is not part of the strand without core end processing if in it is not part of the strand with core end processing if in it is not part of the strand without core end processing if in it is not part of the strand with end with core end processing if in it is not part of the strand with end	21	
• finely stranded with core end processing • finely stranded without core end processing • at AWG cables • at AWG cables • 2x (1.0 1,5 mm²) • 2x (18 14) tightening torque of the screws in the bracket • tightening torque with screw-type terminals Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width 30 mm width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width 29.5 mm installation depth Certificates/ approvals Further information		,
• finely stranded without core end processing • at AWG cables 2x (18 14) tightening torque of the screws in the bracket • tightening torque with screw-type terminals • tightening torque with screw-type terminals • ambient conditions • ambient temperature during operation • ambient temperature during storage • anvironmental category during operation acc. to IEC 60721 anvironmental category during operation acc. to IEC 60721 installation/ mounting/ dimensions fastening method • of modules and accessories height width so mm width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation depth Certificates/ approvals Further information	·	
at AWG cables tightening torque of the screws in the bracket itightening torque with screw-type terminals olimited temperature during operation ambient temperature during storage environmental category during operation acc. to IEC 60721 stallation/ mounting/ dimensions fastening method of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation depth Certificates/ approvals Fundamental category during operation acc. to IEC 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 front panel mounting front panel mounting front panel mounting front panel mounting and mounting and mounting and mounting and mounting and mounting diameter and mounting height and mounting height and mounting and mounting height and mounting and		· · ·
tightening torque of the screws in the bracket • tightening torque with screw-type terminals • tightening torque with screw-type terminals • ambient conditions • ambient temperature during operation • ambient temperature during storage • anoient temperature during storage • environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions fastening method • of modules and accessories height width 30 mm width 30 mm whape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width 29.5 mm installation depth Certificates/ approvals Further information		· · · · · · · · · · · · · · · · · · ·
• tightening torque with screw-type terminals Ambient conditions • ambient temperature during operation • ambient temperature during storage • ambient temperature during storage • ambient temperature during operation acc. to IEC • ambient temperature during operation acc. to IEC • and occupation ac		
Ambient conditions • ambient temperature during operation • ambient temperature during storage environmental category during operation acc. to IEC 60721 condensation in operation permitted for all devices behind front panel) Installation/ mounting/ dimensions fastening method • of modules and accessories height 40 mm width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	tightening torque of the screws in the bracket	1 1.2 N·m
ambient temperature during operation ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage ambient temperature during storage -40 +80 °C 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 front panel mounting Front plate mounting 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	 tightening torque with screw-type terminals 	0.8 0.9 N·m
ambient temperature during operation ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage environmental category during operation acc. to IEC ambient temperature during storage ambient temperature during storage -40 +80 °C 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 front panel mounting Front plate mounting 40 mm width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	Ambient conditions	
■ ambient temperature during storage environmental category during operation acc. to IEC 60721 Installation/ mounting/ dimensions fastening method ● of modules and accessories height width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation width installation depth Certificates/ approvals Further information		-25 +70 °C
environmental category during operation acc. 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 panel 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 mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information		
Installation/ mounting/ dimensions fastening method		
fastening method	0 , 0 ,	
● of modules and accessories Front plate mounting 40 mm width 30 mm shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth Certificates/ approvals Further information	Installation/ mounting/ dimensions	
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 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	fastening method	front panel mounting
width 30 mm shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	of modules and accessories	Front plate mounting
shape of the installation opening round mounting diameter 22.3 mm positive tolerance of installation diameter 0.4 mm mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	height	40 mm
mounting diameter positive tolerance of installation diameter mounting height installation width installation depth Certificates/ approvals Further information		
positive tolerance of installation diameter mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information		30 mm
mounting height 11 mm installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	width	
installation width 29.5 mm installation depth 71.7 mm Certificates/ approvals Further information	width shape of the installation opening	round
installation depth 71.7 mm Certificates/ approvals Further information	width shape of the installation opening mounting diameter	round 22.3 mm
Certificates/ approvals Further information	width shape of the installation opening mounting diameter positive tolerance of installation diameter	round 22.3 mm 0.4 mm
Further information	width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height	round 22.3 mm 0.4 mm 11 mm
Further information	width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width	round 22.3 mm 0.4 mm 11 mm 29.5 mm
	width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth	round 22.3 mm 0.4 mm 11 mm 29.5 mm
	width shape of the installation opening mounting diameter positive tolerance of installation diameter mounting height installation width installation depth Certificates/ approvals	round 22.3 mm 0.4 mm 11 mm 29.5 mm

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=3SU1100-0AB30-1FA0-Z Y11

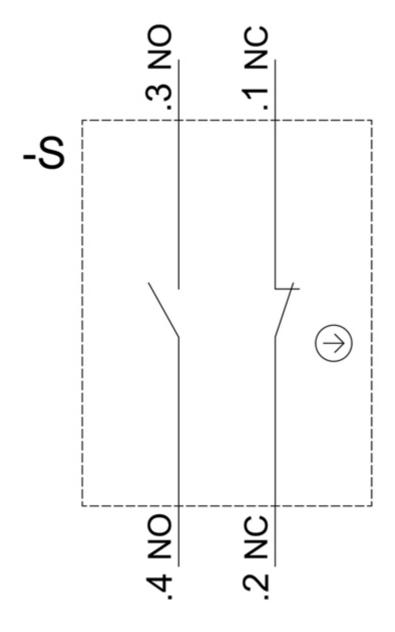
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-0AB30-1FA0-Z Y11

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1100-0AB30-1FA0-Z Y11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1100-0AB30-1FA0-Z Y11&lang=en



last modified: 12/17/2020 🖸