## SIEMENS

## Data sheet

## 3SU1153-0AB30-3FA0-Z Y19



Illuminated pushbutton, 22 mm, round, metal, shiny, yellow, pushbutton, flat, momentary contact type, with holder, 1 NO+1 NC, LED module with integrated LED 110 V AC, spring-type terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)

product designation         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         SSU1400-1AA10-3FA0           • of supplied contact module at position 1         3SU1400-1AA10-3FA0           • of the supplied holder         3SU1400-1AA10-3FA0           • of the supplied holder         3SU1051-0AB30-0AA0           • of the supplied holder         3SU1051-0AB30-0AA0           • of the supplied actuator         3SU1051-0AB30-0AA0           number of command points         1           Actuator         design of the actuating element           principle of operation of the actuating element         momentary contact type           product extension optional light source         Yes           color of the actuating element         plastic           shape of the actuating element         plastic           material of the actuating element         configurator/Configurator / Configurator / Confi	Illumir Comp 3SU1 Metal, <u>3SU1</u>	broduct designation     Illuminated       design of the product     Complete u       broduct type designation     3SU1       broduct line     Metal, shin	pushbuttons
design of the product       Complete unit         product type designation       3SU1         product line       Metal, shiny, 22 mm         manufacturer's article number       SU1400-1AA10-3FA0         • of supplied contact module at position 1       SU1400-1AA10-3FA0         • of supplied LED module       3SU1401-1BC30-3AA0         • of the supplied holder       3SU150-0AA10-0AA0         • of the supplied actuator       3SU1051-0A830-0AA0         number of command points       1         Actuator       design of the actuating element         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         shape of the actuating element       plastic         shape 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         configuration lidentification Number (CIN)       number of contact modules         1       Front ring       Yes         design of the front ring       Standard         material of the front ring<	Comp 3SU1 Metal, <u>3SU1</u>	design of the product     Complete u       product type designation     3SU1       product line     Metal, shin	·
product type designation       3SU1         product line       Metal, shiny, 22 mm         manufacturer's article number       SU1400-1AA10-3FA0         • of supplied LED module       3SU1400-1AA10-3FA0         • of supplied LED module       3SU150-0AA10-0AA0         • of the supplied holder       3SU150-0AA10-0AA0         • of the supplied holder       3SU1051-0AB30-0AA0         • 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       yellow         material of the actuating element       plastic         shape of the actuating element       z9.45 mm         marking of the actuating element       29.45 mm         marking of the actuating element       configuration identification Number (CIN)         number of contact modules       1         Front ring       Yes         design of the front ring       Yes         design of the front ring       Metal, high gloss         color of the front ring       Metal, high gloss         color of the front ring       silver	3SU1 Metal, <u>3SU1</u>	broduct type designation 3SU1 broduct line Metal, shin	nit
product line       Metal, shiny, 22 mm         manufacturer's article number       SU1400-1AA10-3FA0         • of supplied contact module at position 1       SU1400-1AA10-3FA0         • of supplied LED module       SU1401-1BC30-3AA0         • of the supplied holder       3SU1550-0AA10-0AA0         • of the supplied actuator       3SU1051-0AB30-0AA0         number of command points       1         Actuator       Button, flat         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       29.45 mm         marking of the front ring       Standard         mater	Metal, <u>3SU1</u> <u>3SU1</u>	broduct line Metal, shin	
manufacturer's article number       3SU1400-1AA10-3FA0         • of supplied contact module at position 1       3SU1400-1AA10-3FA0         • of supplied LED module       3SU1401-1BC30-3AA0         • of the supplied holder       3SU1550-0AA10-0AA0         • of the supplied actuator       3SU1051-0AB30-0AA0         number of command points       1         Actuator       design of the actuating element         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       plastic         shape 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       1         Front ring       1         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	<u>3SU1</u> <u>3SU1</u>		
• of supplied contact module at position 1       3SU1400-1AA10-3FA0         • of supplied LED module       3SU1401-1BC30-3AA0         • of the supplied holder       3SU1550-0AA10-0AA0         • of the supplied actuator       3SU1051-0AB30-0AA0         number of command points       1         Actuator       momentary contact type         principle of operation of the actuating element       momentary contact type         product extension optional light source       Yes         color of the actuating element       yellow         material of the actuating element       plastic         shape 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 front ring       Standard	<u>3SU1</u>	nanufacturer's article number	/, 22 mm
• of supplied LED module         3SU1401-1BC30-3AA0           • of the supplied holder         3SU1550-0AA10-0AA0           • of the supplied actuator         3SU1051-0AB30-0AA0           • of the supplied actuator         3SU1051-0AB30-0AA0           number of command points         1           Actuator         actuator           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         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         configuration lidentification 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 front ring         Metal, high gloss           color of the front ring         sliver	<u>3SU1</u>		
of the supplied holder         SU1550-0AA10-0AA0         of the supplied actuator         SU1051-0AB30-0AA0         I          Actuator          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         plastic         shape of the actuating element         plastic         shape of the actuating element         round         outer diameter 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         product component front ring         Metal, high gloss         color of the front ring         silver          Holder		of supplied contact module at position 1 <u>3SU1400-1</u>	AA10-3FA0
of the supplied actuator         3SU1051-0AB30-0AA0         1          Actuator          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         yellow         material of the actuating element         round         outer diameter of the actuating element         z9.45 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         product component front ring         Metal, high gloss         color of the front ring         silver         Holder	3SU1	of supplied LED module <u>3SU1401-1</u>	BC30-3AA0
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       Yes         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 or symbol, can only be ordered via SIRIUS ACT 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 front ring       Standard         material of the front ring       silver		• of the supplied holder <u>3SU1550-0</u>	AA10-0AA0
Actuator         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       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       configurator/Configuration ldentification 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	<u>3SU1</u>	• of the supplied actuator <u>3SU1051-0</u>	AB30-0AA0
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       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       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         Metal, high gloss       color of the front ring         silver       Holder	1	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         yellow           material of the actuating element         plastic           shape of the actuating element         plastic           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		tuator	
product extension optional light source       Yes         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 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	Buttor	design of the actuating element Button, flat	
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 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	mome	principle of operation of the actuating element momentary	contact type
material of the actuating elementplasticshape of the actuating elementroundouter 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 ringYesdesign of the front ringStandardmaterial of the front ringMetal, high glosscolor of the front ringsilver	Yes	broduct 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/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	yellow	color of the actuating element yellow	
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       Standard         material of the front ring       Metal, high gloss         color of the front ring       silver	plastic	naterial 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       Fort ring	round	shape of the actuating element round	
configurator/Configuration Identification Number (CIN)       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     I	29.45	outer diameter of the actuating element 29.45 mm	
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       Ver			
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	1	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		ont ring	
material of the front ring     Metal, high gloss       color of the front ring     silver       Holder	Yes	product component front ring Yes	
color of the front ring         silver           Holder	Stand	design of the front ring Standard	
Holder	Metal	material of the front ring Metal, high	gloss
	silver	color of the front ring silver	
		older	
material of the holder Plastic	Plasti	material of the holder Plastic	
Display		splay	
number of LED modules 1	1	number of LED modules 1	
General technical data		eneral technical data	
product function positive opening Yes	Yes	product function positive opening Yes	
product component light source Yes	Yes	broduct component light source Yes	
insulation voltage rated value 320 V	320 V	nsulation voltage rated value 320 V	
degree of pollution 3	3	degree of pollution 3	
type of voltage of the operating voltage AC/DC	AC/D	ype of voltage of the operating voltage AC/DC	
surge voltage resistance rated value 4 kV	4 kV	surge voltage resistance rated value 4 kV	
protection class IP IP66, IP67, IP69(IP69K)		protection class IP IP66, IP67,	IP69(IP69K)
of the terminal     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
	S
reference code according to IEC 81346-2	
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
<ul> <li>at DC rated value</li> </ul>	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million
-	(5 V, 1 mÅ)
Supply voltage	
type of voltage of the supply voltage of the light source	AC
supply voltage of the light source at AC	
at 50 Hz rated value	110 V
• at 60 Hz rated value	110 V
Control circuit/ Control	
inrush current of LED module maximum	3 A
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>for AWG cables</li> </ul>	2x (24 16)
tightening torque of the screws in the bracket	1 1.2 N·m
Lamp	
type of light source	LED
color of the light source	yellow
light intensity	900 1 400 mcd
Ambient conditions	
ambient temperature	
during operation	-25 +70 °C
	-25 +70 °C
during storage	
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	40 mm
width	30 mm
shape of the installation opening	round
mounting diameter	22.3 mm
positive tolerance of installation diameter	0.4 mm
mounting height	11 mm

installation width	29.5 mm
installation depth	71.7 mm
Certificates/ approvals	

Further information

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

https://press.siemens.com/global/en/pressrelease/siemens-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=3SU1153-0AB30-3FA0-Z Y19

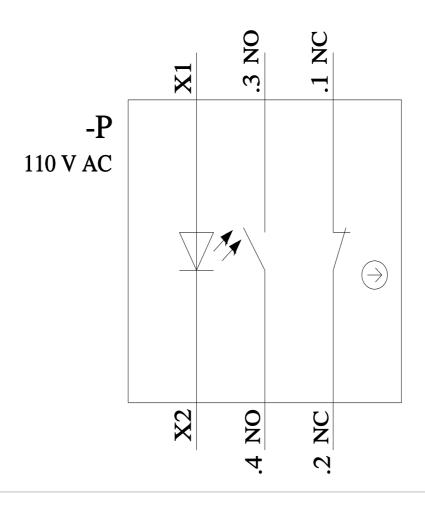
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-0AB30-3FA0-Z Y19

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-0AB30-3FA0-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=3SU1153-0AB30-3FA0-Z Y19&lang=en



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