SIEMENS

Data sheet   **3SU1501-1AG40-1CA0**

holder, 3-way, plastic, 1 NC, LED module, green, 6-24 V AC/DC, screw terminal

product brand name	SIRIUS ACT
product designation	Holders
product type designation	3SU1
manufacturer's article number	
● of supplied contact module	3SU1400-1AA10-1CA0
● of supplied contact module at position 1	3SU1400-1AA10-1CA0
● of supplied LED module	3SU1401-1BG40-1AA0
● of the supplied holder	3SU1500-0AA10-0AA0

Actuator	
design of the actuating element	3-way with module
number of contact modules	1

Holder	
material of the holder	Plastic

Display	
number of LED modules	1

General technical data	
product function positive opening	Yes
product component	
● diode	Yes
● lamp transformer	No
● light source	Yes
● series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
surge voltage resistance rated value	4 kV
protection class IP of the terminal	IP20
shock resistance	
● acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
● for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
● acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
● for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles) typical	10
thermal current	10 A
reference code acc. to IEC 81346-2	U
continuous current of the C characteristic MCB	10 A; for a short-circuit current smaller than 400 A

12.19.2020

continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
● operating voltage at AC	
— at 50 Hz rated value	6 ... 24 V
— at 60 Hz rated value	6 ... 24 V
● operating voltage at DC rated value	6 ... 24 V

Power Electronics

contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

Control circuit/ Control

inrush current of LED module maximum	2 A

Auxiliary circuit

design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	0
operational current at AC-15 at 230 V rated value	6 A

Connections/ Terminals

type of electrical connection	
● of modules and accessories	Screw-type terminal
type of connectable conductor cross-sections	
● solid with core end processing	2x (0.5 ... 0.75 mm²)
● solid without core end processing	2x (1.0 ... 1.5 mm²)
● finely stranded with core end processing	2x (0.5 ... 1.5 mm²)
● finely stranded without core end processing	2x (1,0 ... 1,5 mm²)
● at AWG cables	2x (18 ... 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

Lamp

type of light source	LED
color of the light source	green
light intensity	900 ... 1 800 mcd

Ambient conditions

● ambient temperature during operation	-25 ... +70 °C
● ambient temperature during storage	-40 ... +80 °C
environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)

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
installation width	30 mm
installation depth	49.8 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity
	Miscellaneous

Test Certificates	other
Type Test Special Test	Confirmation

12.19.2020

Certificates/Test Report	Certificate

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1501-1AG40-1CA0
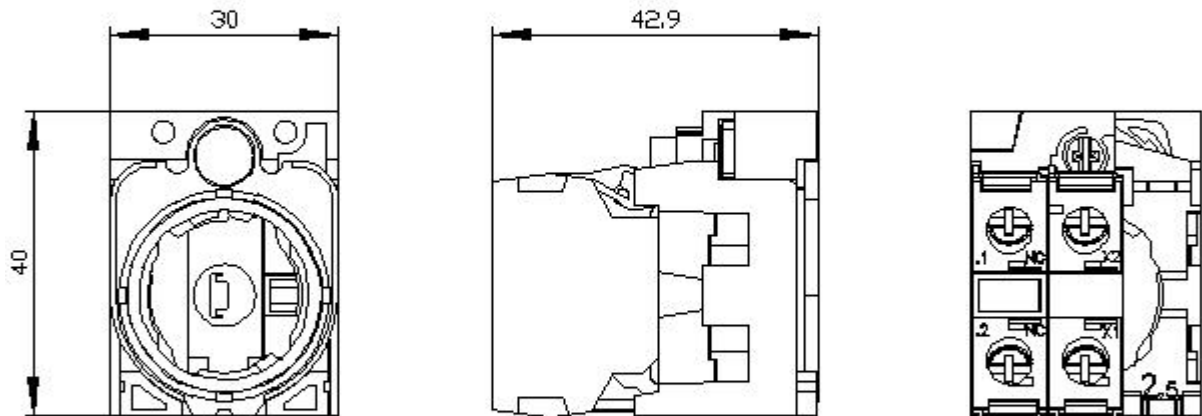
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG40-1CA0
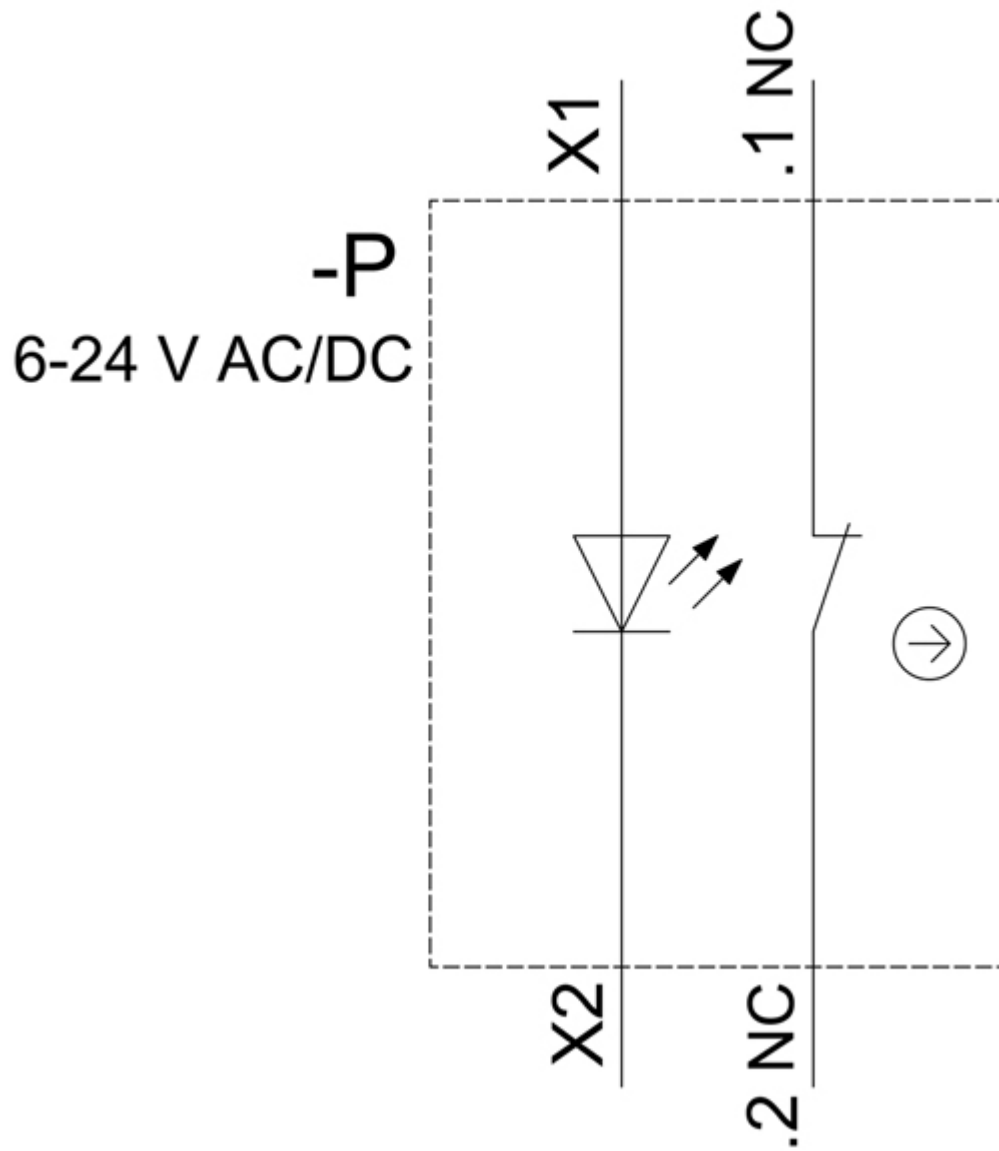
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG40-1CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG40-1CA0&lang=en

12.19.2020

-P
6-24 V AC/DC

X1

X2

.1 NC

.2 NC

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12.19.2020