SIEMENS

Data sheet   **3SU1150-4BF01-3PA0-Z X90**

RONIS key-operated switches, 22 mm, round, metal, shiny, lock number SB30, with 2 keys, 2 switch positions O-I, latching, 90° operating angle, 10:30/1:30 o'clock, key removal O, with holder, 1NC, 1NC, spring-type terminals, possible special locks: SB31, 421, 455, Z=20-unit packaging

product brand name	SIRIUS ACT
product designation	Key-operated switches
design of the product	Complete unit
product type designation	3SU1
product line	Metal, shiny, 22 mm
manufacturer's article number	
• of included key	3SU1950-0FB80-0AA0
• of supplied contact module	3SU1400-1AA10-3CA0, 3SU1400-1AA10-3CA0
• of supplied contact module at position 1	3SU1400-1AA10-3CA0
• of supplied contact module at position 2	3SU1400-1AA10-3CA0
• of the supplied holder	3SU1550-0AA10-0AA0
• of the supplied actuator	3SU1050-4BF01-0AA0

Enclosure	
shape of the enclosure front	round
number of command points	1

Actuator	
principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
product extension optional light source	No
color of the actuating element	silver
material of the actuating element	metal
shape of the actuating element	Key
outer diameter of the actuating element	29.5 mm
number of contact modules	2
number of switching positions	2
switch position for key distraction	O
actuating angle	
• clockwise	90°
lock make	RONIS
key number	SB30

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	
material of the holder	Metal

General technical data	
product function positive opening	Yes
product component light source	No

7/9/2022

insulation voltage rated value	500 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
● of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
● according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
vibration resistance	
● according to IEC 60068-2-6	10 ... 500 Hz: 5g
operating frequency maximum	1 800 1/h
mechanical service life (switching cycles) typical	300 000
electrical endurance (switching 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	
● rated value	5 ... 500 V
● 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)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	2
number of NO contacts for auxiliary contacts	0
Connections/ Terminals	
type of electrical connection	
● of modules and accessories	Spring-type terminal
type of connectable conductor cross-sections	
● solid without core end processing	2x (0.25 ... 1.5 mm²)
● finely stranded with core end processing	2x (0.25 ... 0.75 mm²)
● finely stranded without core end processing	2x (0.25 ... 1.5 mm²)
● at AWG cables	2x (24 ... 16)
tightening torque of the screws in the bracket	1 ... 1.2 N·m
Ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +80 °C
environmental category during operation according 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	
● 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	49.4 mm
installation width	29.5 mm
installation depth	49.7 mm
Certificates/ approvals	

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=3SU1150-4BF01-3PA0-Z X90

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1150-4BF01-3PA0-Z X90

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1150-4BF01-3PA0-Z X90

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1150-4BF01-3PA0-Z X90&lang=en

last modified: 1/27/2022 ⤢