SIEMENS

Data sheet	3SU1803-0AB00-2AB1

Figure similar

ENCLOSURE FOR COMMAND DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL PLASTIC, ENCLOSURE TOP PART GRAY, 3 COMMAND POINTS PLASTIC, C=INDICATOR LIGHT CLEAR, LABEL LED 24V, SCREW TERMINAL, B=PUSHBUTTON GREEN, LABEL: I, 1NO, SCREW TERMINAL, A=PUSHBUTTON RED, LABEL: O, 1NC, SCREW TERMINAL, BASE MOUNTING, TOP AND BOTTOM 1 X M20 EACH

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Enclosure
Manufacturer article number	
• of supplied LED module	C3 = 3SU1401-2BB60-1AA0
• of the supplied holder	A = 3SU1500-0AA10-0AA0 / B =3SU1500-0AA10-0AA0 / C = 3SU1500-0AA10-0AA0
• of the supplied actuator	A = 3SU1000-0AB20-0AA0 / B = 3SU1000-0AB40-0AA0
• of supplied repeater	C = 3SU1001-6AA60-0AA0
• of supplied empty enclosure	3SU1803-0AA00-0AB1

Enclosure:

Design of the housing	with recess for label
Shape of the enclosure front	rectangular
Material of the enclosure	plastic
Number of control points	3
Product component	
• EMERGENCY STOP device	No
• protective collar	No
Color	
• of top part of the enclosure	grey
Delivery state	
• as a kit	No
• pre-wired on strip terminal	No
Mounting type of the enclosure	Vertical

Actuator:

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Design of the operating mechanism	Pushbutton / pushbutton / indicator light
Product feature	
• lockout	No
Product expansion optional Light source	Yes
Color	
• of the actuating element	A = red / B = green / C = clear
Material of the actuating element	plastic
Shape of the actuating element	round
Number of contact modules	2
Type of unlocking device	A = none / B = none / C = none

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	1

General technical data:	
Product function	
• positive opening	Yes
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
Protection class IP	IP66, IP67, IP69(IP69K)
Equipment marking	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required	gG / Dz 10 A, quick-acting / Dz 10 A
Continuous current of the C characteristic MCB	10 A

Auxiliary circuit:	
Number of NC contacts	
• for auxiliary contacts	1
Number of NO contacts	
• for auxiliary contacts	1
Number of CO contacts	
• for auxiliary contacts	0

Design of the contact of the auxiliary contacts	Silver alloy

Connections/ Terminals:

Type of electrical connection	
• of modules and accessories	Screw-type terminal
Type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
Tightening torque	
• with screw-type terminals	0.8 ... 0.9 N·m

Interfaces:

Design of the interface	
• for communication	without

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6, 3C3, 3S2, 3M6

Installation/ mounting/ dimensions:

Mounting type	
• of modules and accessories	Floor mounting
Height	154 mm
Width	85 mm
Depth	75.8 mm
Shape of the installation opening	round

Accessories:

Number of labels	3
Marking of the name plate for command devices	A = O / B = I / C = "without inscription"
Color of the label	A = black / B = black / C = black

Certificates/ approvals:

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
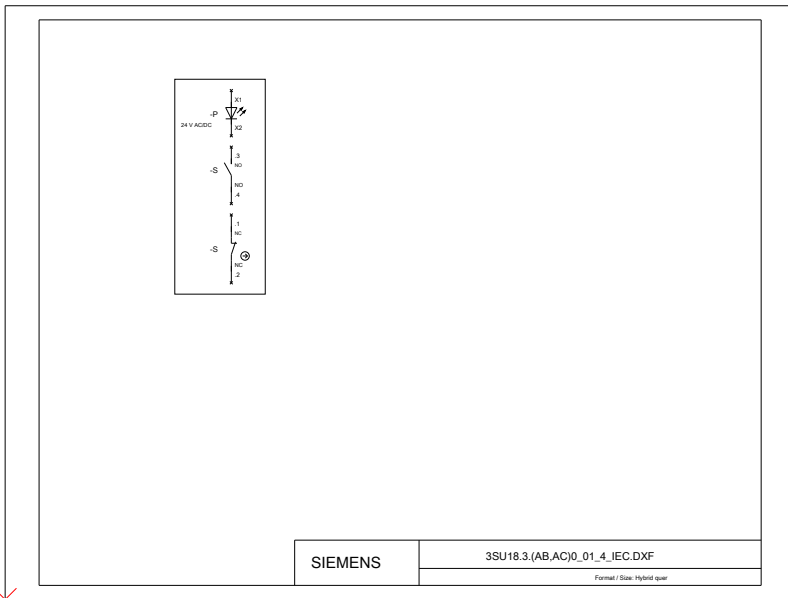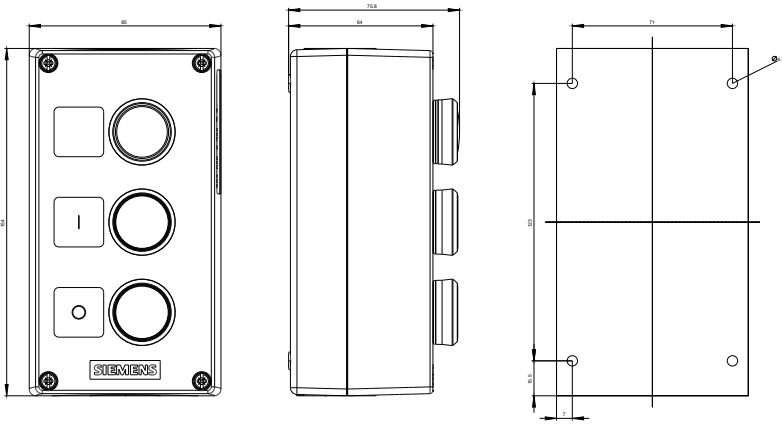http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU18030AB002AB1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU18030AB002AB1

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU18030AB002AB1&lang=en

85

64

75.8

64

71

Ø1.5

84

85

19.5

-P
24 V AC/DC

X1
X2

-S

3
NO

ND

4

-S

.1
NC

NC

2

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