SIEMENS

Product data sheet   **3SB3501-1DA31**

22MM METAL ROUND ACTUATOR: ILLUM. MUSHROOM
PUSHBUTTON 30MM MOMENTARY CONTACT TYPE
ILLUMINABLE INCL. HOLDER FOR 3 ELEMENTS WITH
HOLDER YELLOW

Actuator:		
Design of the operating mechanism		mushromm pushbutton, Ø 30 mm
Shape / of the activation element		round
Manner of function / of the activation element		
• arresting lock		No
• tentative		Yes
Outer diameter / of the activation element	mm	30
Material / of the activation element		plastic

Button:	
Design of the button	raised
Color / of the button	yellow

Front ring:	
Material / of the front ring	metal
Color / of the front ring	silver

General technical details:	
Design of the product	Ø 30 mm
Number of control points	1
Number of indicator lights / installable	1

Number of switching positions			2
Product extension / optional / fluorescent materials			Yes
Product function / emergency-OFF function			No
Type of unlocking device			without
Resistance against shock			
• for devices with incandescent lamp / according to IEC 60068-2-27			<= 30g
• for devices without incandescent lamp / according to IEC 60068-2-27			<= 50g
Operating cycles / maximum		1/h	1,000
Resistance against vibration / according to IEC 60068-2-6			20 ... 200 Hz: 5g
Mechanical operating cycles as operating time / typical			3,000,000
Item designation			
• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750			S
• according to DIN EN 61346-2			S

Auxiliary Contacts:

Number of NC contacts / for auxiliary contact			0
Number of NO contacts / for auxiliary contact			0
Number of change-over switches / for auxiliary contact			0

Installation/mounting/dimensions:

Color / of the lens			yellow
Product component / front ring			Yes
Material / of the housing			metal
Type of mounting			front mounting
Installation width		mm	22
Shape / of the installation hole			round
Mounting diameter		mm	22
Height		mm	30
Width		mm	30
Depth		mm	56.5
Tightening torque / of the screws in the holder / maximum		N·m	1

Ambient conditions:

Ambient temperature			
• during the operating phase		°C	70 … -25
• during storage		°C	-40 … 80
Protection class IP			IP67
Climatic class / according to DIN EN ISO 6270-2			KTW24

Certificates/approvals:

General Product Approval	Test Certificates
CSA UL	Manufacturer

Shipping Approval

ABS	BUREAU VERITAS	DNV	Lloyd's Register	PRS	RINA

other

Manufacturer

Further information:

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

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall
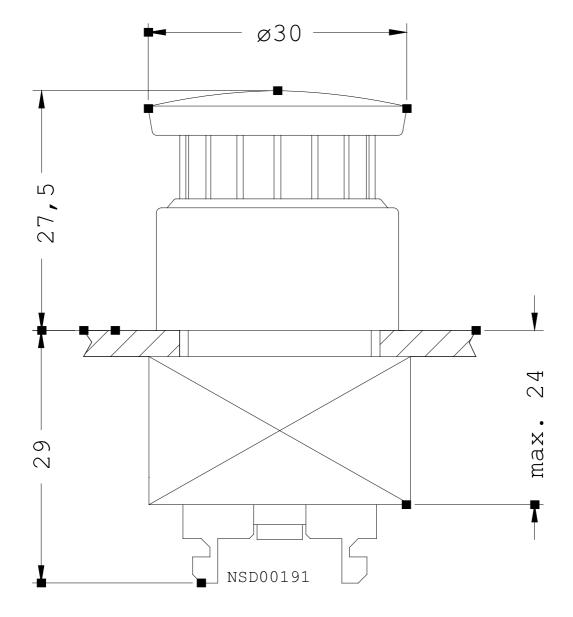
CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3SB3501-1DA31/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3501-1DA31

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27,5

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max. 24

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