# SIEMENS

**Product data sheet**                                       **3SB3500-1JA20**

22MM METAL ROUND ACTUATOR: EMERGEN.-STOP MUSHR.PUSHB. 40MM WITH RONIS KEY-OPER.SWITCH LATCHING WITH KEY-OPER.SWITCH- UNLOCKING LOCK NO 455 WITH HOLDER RED

| Actuator: | | |
|---|---|---|
| Design of the operating mechanism | | mushromm pushbutton, Ø 40 mm, with RONIS key-operated switch |
| Shape / of the activation element | | round |
| Manner of function / of the activation element | | |
| • arresting lock | | Yes |
| • tentative | | No |
| Outer diameter / of the activation element | mm | 40 |
| Material / of the activation element | | plastic |

| Button: | | |
|---|---|---|
| Color / of the button | | red |

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

| General technical details: | | |
|---|---|---|
| Design of the product | | Ø 40 mm with RONIS key-operated switch |
| Number of control points | | 1 |
| Number of indicator lights / installable | | 0 |
| Number of switching positions | | 2 |
| Switch position for key distraction | | O+I |
| Product extension / optional / fluorescent materials | | No |
| Product function / emergency-OFF function | | Yes |
| Type of unlocking device | | key unlatching |
| Resistance against shock | | |
| • 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 | | 300,000 |
| 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:

| | | |
|---|---|---|
| Product component / front ring | | Yes |
| Material / of the housing | | metal |
| Type of fixing/fixation | | front mounting |
| Installation width | mm | 22 |
| Shape / of the installation hole | | round |
| Mounting diameter | mm | 22 |
| Height | mm | 40 |
| Width | mm | 40 |
| Depth | mm | 100 |
| 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 |

## Further information:

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

**Global Industry Mall (Online ordering system)**
http://www.siemens.com/industrial-controls/mall

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
http://support.automation.siemens.com/WW/view/en/3SB3500-1JA20/all

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-1JA20

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