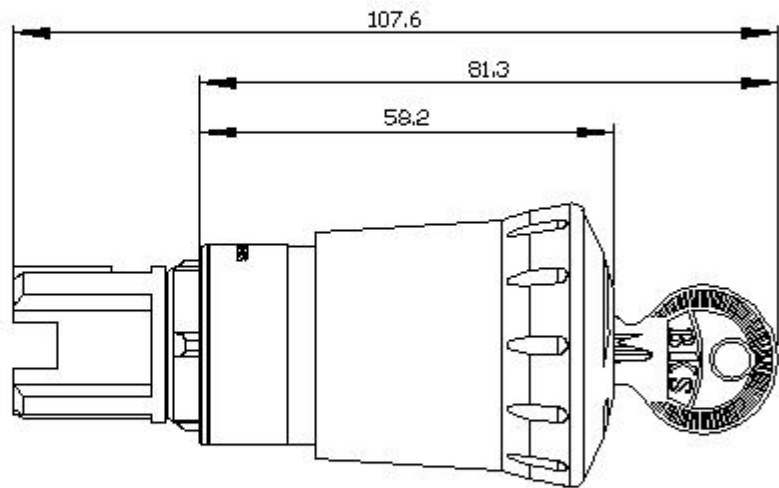
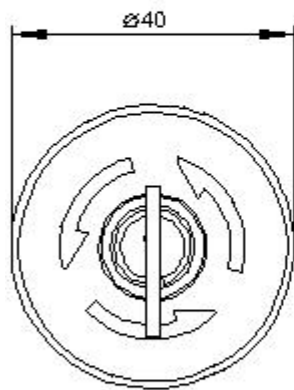




EMERGENCY STOP mushroom pushbutton, 22 mm, round, plastic, red, 40 mm, with lock BKS, lock No. E9 (VW), positive latching, acc. to EN ISO 13850, key-operated release, supplied without key, Z=50-unit packaging

| | |
|--|-------------------------------------|
| product brand name | SIRIUS ACT |
| product designation | EMERGENCY STOP mushroom pushbuttons |
| design of the product | Actuating/signaling element |
| product type designation | 3SU1 |
| product line | Plastic, black, 22 mm |
| Enclosure | |
| number of command points | 1 |
| Actuator | |
| design of the actuating element | positive latching |
| principle of operation of the actuating element | latching |
| product extension optional | |
| • light source | No |
| • contact module | Yes |
| color | |
| • of the actuating element | red |
| material of the actuating element | plastic |
| shape of the actuating element | round |
| outer diameter of the actuating element | 40 mm |
| type of unlocking device | Unlocking |
| number of switching positions | 2 |
| switch position for key distraction | O |
| lock make | BCS |
| key number | E9 |
| Front ring | |
| product component front ring | No |
| General technical data | |
| product function | |
| • positive opening | Yes |
| • EMERGENCY OFF function | Yes |
| • EMERGENCY STOP function | Yes |
| protection class IP | IP66, IP67, IP69(IP69K) |
| degree of protection NEMA rating | 1, 2, 3, 3R, 4, 4X, 12, 13 |
| 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 | 600 1/h |
| mechanical service life (switching cycles) typical | 300 000 |
| reference code acc. to IEC 81346-2 | S |
| Safety related data | |
| B10 value with high demand rate acc. to SN 31920 | 100 000 |
| proportion of dangerous failures | |
| • with low demand rate acc. to SN 31920 | 20 % |
| • with high demand rate acc. to SN 31920 | 20 % |
| failure rate [FIT] with low demand rate acc. to SN 31920 | 100 FIT |
| T1 value for proof test interval or service life acc. to IEC 61508 | 20 y |
| 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, 3C3, 3K6 (with relative air humidity of 10 ... 95 %) |
| Installation/ mounting/ dimensions | |
| shape of the installation opening | round |
| mounting diameter | 22.3 mm |
| positive tolerance of installation diameter | 0.4 mm |
| mounting height | 81.3 mm |
| installation width | 40 mm |
| installation depth | 26.3 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=3SU1000-1HN20-0AA0-Z X90 | |
| Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1000-1HN20-0AA0-Z X90 | |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1000-1HN20-0AA0-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=3SU1000-1HN20-0AA0-Z X90&lang=en | |



last modified:

8/31/2020 