

Siemens  
EcoTech



EMERGENCY STOP mushroom pushbutton, 22 mm, round, metal, shiny, red, 40 mm, with O.M.R. lock, lock number 73037, positive latching, acc. to EN ISO 13850, key-operated release



|                                                 |                                     |
|-------------------------------------------------|-------------------------------------|
| product brand name                              | SIRIUS ACT                          |
| product designation                             | EMERGENCY STOP mushroom pushbuttons |
| design of the product                           | Actuating/signaling element         |
| product type designation                        | 3SU1                                |
| product line                                    | Metal, shiny, 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                                       | O.M.R.                              |
| key number                                      | 73037                               |
| 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                                |                                     |
| • 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                     | 600 1/h                             |

|                                                                |                                                                    |
|----------------------------------------------------------------|--------------------------------------------------------------------|
| mechanical service life (operating cycles) typical             | 300 000                                                            |
| reference code according to IEC 81346-2                        | S                                                                  |
| Substance Prohibittance (Date)                                 | 10/01/2014                                                         |
| <b>Safety related data</b>                                     |                                                                    |
| proportion of dangerous failures                               |                                                                    |
| • with low demand rate according to SN 31920                   | 20 %                                                               |
| • with high demand rate according to SN 31920                  | 20 %                                                               |
| B10 value with high demand rate according to SN 31920          | 100 000                                                            |
| failure rate [FIT] with low demand rate according to SN 31920  | 100 FIT                                                            |
| <b>Ambient conditions</b>                                      |                                                                    |
| 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%) |
| <b>Environmental footprint</b>                                 |                                                                    |
| Environmental Product Declaration (EPD)                        | Yes                                                                |
| Global Warming Potential [CO2 eq] total                        | 0.593 kg                                                           |
| Global Warming Potential [CO2 eq] during manufacturing         | 0.625 kg                                                           |
| Global Warming Potential [CO2 eq] during operation             | 0.235 kg                                                           |
| Global Warming Potential [CO2 eq] after end of life            | -0.267 kg                                                          |
| Siemens Eco Profile (SEP)                                      | Siemens EcoTech                                                    |
| <b>Installation/ mounting/ dimensions</b>                      |                                                                    |
| shape of the installation opening                              | round                                                              |
| mounting diameter                                              | 22.3 mm                                                            |
| positive tolerance of installation diameter                    | 0.4 mm                                                             |
| mounting height                                                | 83.3 mm                                                            |
| installation width                                             | 40 mm                                                              |
| installation depth                                             | 26.3 mm                                                            |
| <b>Approvals Certificates</b>                                  |                                                                    |
| General Product Approval                                       |                                                                    |



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|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|

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[Environmental Confirmations](#)

|                     |
|---------------------|
| Further information |
|---------------------|

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

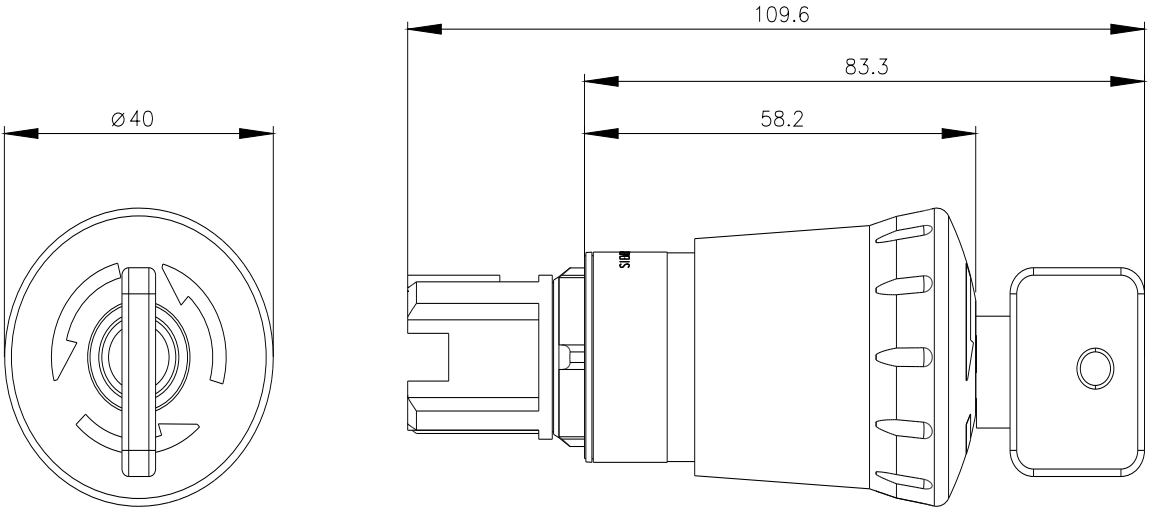
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1050-1HQ20-0AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1050-1HQ20-0AA0>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1050-1HQ20-0AA0>



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2/7/2024 

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