



safety keyswitch for Extension Units, safety operator control, 22 mm, round, plastic, latching, with 2 keys, 2 switch positions 0-1, in position 0 the key can be removed, 2 closing contacts, without inscription, (incl. printed circuit board with contact module), scope of supply: 1 keyswitch, 1 printed circuit board, 2 keys, including mounting accessories

| General information | |
|---|---|
| Product type designation | Safety keyswitch for Extension Unit |
| Control elements | |
| Version of actuating element | 2 switch positions (pos. 0 removal position) |
| Operating principle of the actuating element | Latching |
| Shape of actuating element | Round |
| Illuminant | No; Cannot be illuminated |
| Contact configuration | 2 NO contacts |
| Installation type/mounting | |
| Mounting type | Threaded ring |
| Front mounting | Yes; Front plate attachment in an Extension Unit for 16:9 PRO devices |
| Supply voltage | |
| Rated value (DC) | 24 V |
| Input current | |
| Current consumption (rated value) | 100 mA |
| EMC | |
| Emission of radio interference acc. to EN 55 011 | |
| <ul style="list-style-type: none"> Limit class A, for use in industrial areas | No |
| Degree and class of protection | |
| IP (at the front) | IP65 (on front) to EN60529 and NEMA4 |
| Standards, approvals, certificates | |
| CE mark | Yes |
| UKCA mark | Yes |
| UL approval | Yes; Only in combination with Extension Unit |
| cULus | Yes; Only in combination with Extension Unit |
| RCM (formerly C-TICK) | Yes; Only in combination with Extension Unit |
| Suitable for safety functions | Yes; TÜV IEC 60947-5-x |
| Ambient conditions | |
| Ambient temperature during operation | |
| <ul style="list-style-type: none"> min. max. | 0 °C 50 °C |
| Ambient temperature during storage/transportation | |
| <ul style="list-style-type: none"> min. max. | -20 °C 60 °C |
| Altitude during operation relating to sea level | |
| <ul style="list-style-type: none"> Installation altitude above sea level, max. | 3 500 m |
| Relative humidity | |
| <ul style="list-style-type: none"> Operation, max. Condensation permissible | 90 % No |

| Mechanics/material | |
|------------------------------------|---|
| Material | |
| • Plastic | Yes |
| Material of the actuating element | plastic |
| Material of the front ring | plastic |
| Enclosure color (front) | gray |
| Color of the front ring | Silver metallic |
| Service life | |
| • Number of operating cycles, keys | 50 000 |
| Dimensions | |
| Height of housing front | 45.1 mm |
| Mounting diameter | 22.3 mm |
| Weights | |
| Weight (without packaging) | 50 g |
| Weight (with packaging) | 100 g |
| Scope of supply | |
| Delivery quantity in pieces | 1; Including 2 keys |
| Other | |
| Target devices | suitable for Extension Units of the 16:9 HMI/IPC PRO devices as of TIA Portal V16 (refer to manual) |
| Note: | configurable as of TIA Portal V16 |

| Classifications | | | |
|-----------------|--------|---------|----------------|
| | | Version | Classification |
| | eClass | 14 | 27-33-02-92 |
| | eClass | 12 | 27-33-02-92 |
| | eClass | 9.1 | 27-33-02-92 |
| | eClass | 9 | 27-33-02-92 |
| | eClass | 8 | 27-24-92-03 |
| | eClass | 7.1 | 27-24-92-03 |
| | eClass | 6 | 27-24-92-03 |
| | ETIM | 10 | EC002584 |
| | ETIM | 9 | EC002584 |
| | ETIM | 8 | EC002584 |
| | ETIM | 7 | EC002584 |
| | IDEA | 4 | 3552 |
| | UNSPSC | 15 | 32-15-17-03 |

| Approvals / Certificates | |
|--------------------------|--|
| General Product Approval | |

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| Further information | |
|---|--|
| Usable in the following products: Detailed information can be found in the cross-list, which is available for download in the following SIOS note: 40466415 | |
| https://support.industry.siemens.com/cs/document/40466415/status-of-the-simatic-hmi-accessories-and-cross-list-update?dti=0&lc=en-WW | |

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