

PSEN sg2c-5LPKLE-M12/5 switch

570825



Safety gate system 2. generation, safe interlock with safe guard locking, in accordance with EN 60947-5-1, for applications up to PL e. Consisting of 5 elements: 1. Illuminated pushbutton for activating the safety gate, 2. Pushbutton for access and release of the safety gate, 3. Key switch (3 positions), 4. Illuminated pushbutton; 5. Emergency stop pushbutton, M12/5 connection. Scope of supply: Sensing device with pushbuttons (spare).

Technical details

General data

| | |
|---------------------------------|----------------------------------|
| Approval: | CE, UKCA, cULus Listed, FCC, TÜV |
| Sensor principle: | Transponder |
| Coding level to ISO 14119: | Low |
| Transponder coding: | coded |
| Suitable for series connection: | yes |
| unit type: | Sensor |

Technical data

Electrical data

| | |
|----------------------------|-----------|
| Supply voltage (V): | 24 - 24 V |
| Type of supply voltage U1: | DC |
| Power consumption DC: | 2 W |

Inputs

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|-------------------------------|---------|
| Number of inputs: | 2 |
| U input to EN 61131-2 Type 2: | 24 V DC |

Emergency stop

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|---------------------------------|--------------|
| Number, E-STOP N/C: | 2 |
| Release type emergency stop: | Turn release |
| Switch cap. E-STOP to standard: | EN 60947-5-1 |

Semiconductor outputs

| | |
|---------------------------------|---|
| Number of OSSD outputs: | 2 |
| Number of sig. outputs: | 2 |
| S/C output short circuit proof: | Yes |
| Button | |
| Contact material button: | AgNi |
| Switch cap. button to standard: | EN 60947-5-1 |
| Environmental data | |
| Ambient temperature standard: | EN 60068-2-14 |
| Ambient temperature: | -20 - 55 °C |
| Storage temperature standard: | EN 60068-2-1/-2 |
| Climatic suitability standard: | EN 60068-2-78 |
| Humidity rating: | 93 % r. h. at 40 °C |
| EMC to standard ...: | EN 55011: Class A, EN 61000-4-8, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3 |
| Vibration to standard ...: | EN 60068-2-6 |
| Acc. shock to standard1: | 30g |
| Overvoltage category: | III |
| Pollution degree clear.&creep.: | 3 |
| Switching distances | |
| Change op. dist. temp.change: | +0.01mm/°C |
| Mechanical data | |
| Escape release available: | Yes |
| Holding force, closing movemen: | 1000 N |
| Holding force pan direction: | 2000 N |
| Type 1 actuator: | PSEN sg2 actuator |
| Connection type: | Pluggable spring terminal |
| Cable lines: | LiYY 24 x 0.5 mm ² |
| Housing material upper part: | Plastic |
| Material actuator: | Stainless steel |

| | |
|--------------------------------|------------------------------|
| Height dimension: | 568 mm |
| Width dimension: | 46.5 mm |
| Depth dimension: | 74.5 mm |
| Net weight: | 1200 g |
| Gross weight: | 1290 g |
| Transponder | |
| Operating frequency: | 122 kHz - 128 kHz |
| Environment | |
| WEEE classification (08/2018): | 5 devices (feed size < 50cm) |
| Commercial data | |
| ECLASS version: | ECLASS-13 |
| ECLASS Reference Feature: | 27272603 |
| ETIM Version: | ETIM-9.0 |
| ETIM Reference Group: | EG000026 |
| ETIM Reference Feature: | EC002593 |
| UNSPSC 25: | 39122205 |
| GTIN: | 4046548080001 |
| Volume: | 0 dm3 |
| Harmonized System Code: | 85365019 |
| Type of tariff number: | TARIC |
| Use of customs tariff number: | Ausfuhr, Einfuhr |
| Quantity per packaging unit: | 1 |

Optional accessories

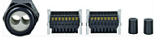
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PSEN sg color covers (pushbutton)



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PSEN sg2c Set spring loaded terminals



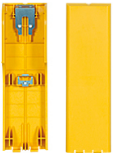
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PSEN sg auxiliary release pin



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PSEN sg2 cover 2pieces



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PIT en1.0p-5m-s



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PSEN sg escape release pin



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PSEN sg2 actuator

