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 PRODUCT-DETAILS

## E232E-230N

### E232E-230N Staircase Switch




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#### General Information

|                       |                             |
|-----------------------|-----------------------------|
| Extended Product Type | E232E-230N                  |
| Product ID            | 2CDE110003R0511             |
| EAN                   | 4016779654166               |
| Catalog Description   | E232E-230N Staircase Switch |

|                  |  |
|------------------|--|
| Long Description | <p>Staircase time switches with off-delay are operated by push-buttons, which are often equipped with a glow lamp. The switch levers are designed for a glow lamp current of up to 150 mA and are therefore excellently suited for installations in multistorey buildings. The E 232-230 staircase lighting timer with off-delay has an electromechanical timer relay with synchronous motor drive, which ensures a high level of operational safety in any installation position. The time range can be set in 15-second increments from one to seven minutes. Can be reswitched after 30s. The multifunctional units of the E 232E-230 Multi 10 and E 232E-8/230 Multi 10 product series have 10 functions that can be set on the front of the unit.</p> |
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#### Technical

|                                 |                   |
|---------------------------------|-------------------|
| Function                        | Electronic switch |
| Reset Function                  | Push Button       |
| Rated Voltage (U <sub>r</sub> ) | 240 V AC          |
| Supply Voltage                  | 0.85 ... 1.1 V    |

|                              |   |
|------------------------------|---|
| Maximum Control Current DC   | 26 mA   |
| Rated Frequency (f)          | 50 / 60 Hz  |
| Maximum Lamp Load            | LED Power > 2W 180 W<br>LED Power < 2W 20 W   |
| Power Loss                   | 6 V-A   |
| Power Watt                   | Filament Lamp 2300 W<br>Fluorescent Lamp Compensated 2300 V-A<br>Fluorescent Lamp Shunt Capacitive 1300 V-A<br>Fluorescent Lamp Inductive 2300 V-A<br>Halogen Lamp 2300 W |
| Minimum Switching Time       | 0.02/0.05 second [unit of time]   |
| Time Range                   | 0.5 – 20 min. stepless  |
| Ballast Type                 | Electronic  |
| Load Type                    | 2300W Inductive load  |
| Switch Type                  | SteadyLight   |
| Enclosure Material           | Heat resistant, self-extinguishing thermoplast  |
| Options Provided             | Without Switch-Off Warning  |
| Cable Cross-Section          | Terminal 4 mm <sup>2</sup><br>Terminal 13 mm <sup>2</sup>   |
| Connection Mode and Capacity | 3 or 4 conductor operated automatically   |
| Control Supply Voltage       | 230 AC V  |
| Contact Material             | silver-tin-oxide (AgSnO <sub>2</sub> )  |
| Rated Switching Capacity     | 16 A<br>230 V AC  |
| Switch Off Warning Type      | Flickering  |

## Material Compliance

|   |  |
|---|--|
| RoHS Information                            | 2CDK440004K0202  |
| RoHS Status                                 | Following EU Directive 2011/65/EU                          |
| RoHS Date                                   | 0016   |
| REACH Declaration                           | 9AKK108468A9644  |
| REACH Information                           | False - does not contains substances > 0.1 mass percentage |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363  |
| SCIP  | b4b88b52-18ba-4dfe-ad52-6daf0f5148f6 Germany (DE)          |

## Environmental

|                           |                 |
|---------------------------|-----------------|
| Ambient Temperature       | -25 ... 50 °C   |
| Environmental Information | 2CDU400020D0201 |

## Dimensions

|                            |         |
|----------------------------|---------|
| Product Net Width          | 17.5 mm |
| Product Net Height         | 90 mm   |
| Product Net Depth / Length | 58 mm   |
| Product Net Weight         | 0.07 kg |

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## Ordering

|                              |              |
|------------------------------|--------------|
| Package Level 1 Units        | box 10 piece |
| Package Level 1 Gross Weight | 1.05 kg      |
| E-Number (Finland)           | 3510147      |

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## Certificates and Declarations

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 2CDK440040D0201 |
| VDE Certificate                | 9AKK108466A2521 |

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## Installation

|                          |                 |
|--------------------------|-----------------|
| Installation Manual      | 9AKK108466A2386 |
| Instructions and Manuals | 9AKK108466A2386 |

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## Popular Downloads

|                                   |                 |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 9AKK106930A8017 |
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## Classifications

|                |  |
|----------------|--|
| ETIM 8         | EC000297 - Staircase lighting timer                        |
| ETIM 9         | EC000297 - Staircase lighting timer                        |
| WEEE Category  | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B | Business To Consumer                                       |
| CN8            | 8536 49 00   |
| eClass         | V11.0 : 27142307   |

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## Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Control and Automation Devices → Staircase Switches

