



PRODUCT-DETAILS

E211X-16-10

ON-OFF Switch, 16 A, acc. to EN 250/400 V AC, 1NO, El. Color: Grey, 1LED, Yellow, MW: 0.5



| General Information   |                                                                                                                                                                                |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | E211X-16-10                                                                                                                                                                    |
| Product ID            | 2CCA703100R0001                                                                                                                                                                |
| EAN                   | 7612270938872                                                                                                                                                                  |
| Catalog Description   | ON-OFF Switch, 16 A, acc. to EN 250/400 V AC, 1NO, El. Color: Grey, 1LED, Yellow, MW: 0.5                                                                                      |
| Long Description      | On-Off switches with switch position indication, according DIN EN 60669-1, VDE 0632 Part 1, Rated currents: 16/25 A, 250 VACPDC, Contacts: 1 NO/2 NO/3 NO, Module width: 0,5/1 |

| Technical |                                                                                                                                 |
|-----------|---------------------------------------------------------------------------------------------------------------------------------|
| Standards | EN60669-1<br>EN60669-2-4<br>IEC/EN60947-3<br>IEC60068-2-2<br>IEC60068-2-1<br>IEC60068-2-30<br>VDE0632-1<br>VDE0632-2-4<br>UL508 |

|                                                                  |                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated Voltage (U <sub>r</sub> )                                  | Minimum 250 V                                                                                                                                                                                                                                    |
| Rated Operational Voltage                                        | acc. to EN 250/400 V AC<br>acc. to UL 508 240 V AC                                                                                                                                                                                               |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> )              | 6 kV                                                                                                                                                                                                                                             |
| Auxiliary Voltage AC/DC                                          | LED Indicator 115...250 V AC                                                                                                                                                                                                                     |
| Input Voltage Type                                               | AC                                                                                                                                                                                                                                               |
| Rated Current (I <sub>n</sub> )                                  | 16 A                                                                                                                                                                                                                                             |
| Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ) | 3 kA                                                                                                                                                                                                                                             |
| Rated Frequency (f)                                              | 50/60 Hz                                                                                                                                                                                                                                         |
| Minimum Switching Capacity                                       | 24 V AC<br>25 mA                                                                                                                                                                                                                                 |
| Power Loss                                                       | 0.5 W                                                                                                                                                                                                                                            |
| Power Watt                                                       | 0.18 W                                                                                                                                                                                                                                           |
| Contact Position Indication                                      | ON / OFF                                                                                                                                                                                                                                         |
| Number of Contacts NO                                            | 1                                                                                                                                                                                                                                                |
| Number of Main Contacts NC                                       | 0                                                                                                                                                                                                                                                |
| Number of Main Contacts NO                                       | 1                                                                                                                                                                                                                                                |
| Number of Auxiliary Contacts CO (SPDT)                           | 0                                                                                                                                                                                                                                                |
| Number of Poles                                                  | 1                                                                                                                                                                                                                                                |
| Number of LEDs                                                   | 1                                                                                                                                                                                                                                                |
| Tightening Torque                                                | 1.2-1.5 N·m                                                                                                                                                                                                                                      |
| Utilization Category                                             | Switching of mixed resistive and inductive loads, including moderate overloads - frequent actuation (AC-22A)<br>Switching of mixed resistive and inductive loads, including moderate overloads (i.e. shunt motors) - frequent actuation (DC-22A) |
| Lamp Type                                                        | LED                                                                                                                                                                                                                                              |
| Switch Type                                                      | Double Interrupting Contacts                                                                                                                                                                                                                     |
| Material of Conductor                                            | Copper                                                                                                                                                                                                                                           |
| Remarks                                                          | Sealable in the On and Off positions                                                                                                                                                                                                             |
| Color                                                            | Yellow                                                                                                                                                                                                                                           |
| Cover Color                                                      | Grey                                                                                                                                                                                                                                             |
| Control Element Color                                            | Grey                                                                                                                                                                                                                                             |
| Lamp Color                                                       | Yellow                                                                                                                                                                                                                                           |
| Connecting Capacity                                              | Solid 1x1...6 mm <sup>2</sup><br>Solid 2x2.5 mm <sup>2</sup><br>Flexible 1x0.75...2x2.5 mm <sup>2</sup>                                                                                                                                          |
| Rated Operational Current AC-22A (I <sub>e</sub> )               | (400 V) 16 A                                                                                                                                                                                                                                     |
| Rated Operational Current DC-22A (I <sub>e</sub> )               | (50 V DC) 16 A<br>(200 V DC) 1 A                                                                                                                                                                                                                 |

## Material Compliance

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Information                            | 2CCC441013D0201                                                        |
| RoHS Status                                 | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20170426                                                               |
| REACH Declaration                           | 2CCC005047D0201                                                        |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |

|                           |                                                |
|---------------------------|------------------------------------------------|
| <b>Environmental</b>      |                                                |
| Ambient Air Temperature   | Operation -25...+55 °C<br>Storage -40...+70 °C |
| Degree of Protection      | IP20                                           |
| Environmental Information | 2CCC441003C0201                                |

|                                     |      |
|-------------------------------------|------|
| <b>Technical UL/CSA</b>             |      |
| Short-Circuit Current Rating (SCCR) | 3 kA |

|                                     |       |
|-------------------------------------|-------|
| <b>Dimensions</b>                   |       |
| Width in Number of Modular Spacings | 0.5   |
| Product Net Width                   | 9 mm  |
| Product Net Height                  | 85 mm |
| Product Net Depth / Length          | 68 mm |
| Product Net Weight                  | 40 g  |
| Built-In Depth (t <sub>2</sub> )    | 68 mm |

|                              |              |
|------------------------------|--------------|
| <b>Ordering</b>              |              |
| Package Level 1 Units        | box 10 piece |
| Package Level 1 Gross Weight | 43 g         |
| E-Number (Finland)           | 3602412      |
| E-Number (Sweden)            | 2102798      |
| E-Number (Switzerland)       | 437160438    |

|                                      |                 |
|--------------------------------------|-----------------|
| <b>Certificates and Declarations</b> |                 |
| CB Certificate                       | 9AKK108466A3838 |
| CCC Certificate                      | 9AKK108466A3918 |
| Declaration of Conformity - CE       | 2CCC441013D0201 |
| Declaration of Conformity - UKCA     | 9AKK108467A6122 |
| VDE Certificate                      | 9AKK108466A3836 |

|                          |                    |
|--------------------------|--------------------|
| <b>Installation</b>      |                    |
| Instructions and Manuals | No document needed |

|                                   |                 |
|-----------------------------------|-----------------|
| <b>Popular Downloads</b>          |                 |
| Data Sheet, Technical Information | 2CCC441003C0101 |

| Classifications            |                                                            |  |
|----------------------------|------------------------------------------------------------|--|
| ETIM 8                     | EC001545 - Main switch for distribution board              |  |
| ETIM 9                     | EC001545 - Main switch for distribution board              |  |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |  |
| WEEE B2C / B2B             | Business To Consumer                                       |  |
| CN8                        | 85365053                                                   |  |
| eClass                     | V11.0 : 27142301                                           |  |
| Object Classification Code | S                                                          |  |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Command and Signalling Devices → Control Switches, Pushbuttons and Indicator Lights → Switches, Pushbuttons and Indicator Lights, E210

