

PRODUCT-DETAILS

E211-16-20

E211-16-20ON-OFF Switch, 16 A, acc. to EN 250/400 V AC, 2NO, 0NC, 0CO, El. Color: Grey, MW: 0.5



General Information

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| Extended Product Type | E211-16-20 |
| Product ID | 2CCA703005R0001 |
| EAN | 7612270938582 |
| Catalog Description | E211-16-20ON-OFF Switch, 16 A, acc. to EN 250/400 V AC, 2NO, 0NC, 0CO, El. Color: Grey, MW: 0.5 |
| Long Description | On-Off switches according DIN EN 60669-1, VDE 0632 Part 1, Rated currents: 16/25/32 A, 250/400 V AC/PCDC, Contacts: 1 NO/2 NO/3 NO/4 NO, Module width: 0,5/1 |

Technical

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|---|---|
| Standards | EN60669-1 EN60669-2-4 IEC/EN60947-3 IEC60068-2-2 IEC60068-2-1 IEC60068-2-30 VDE0632-1 VDE0632-2-4 UL508 |
| Rated Voltage (U_r) | Minimum 400 V |
| Rated Operational Voltage | acc. to EN 250/400 V AC acc. to UL 508 240 V AC |
| Rated Impulse Withstand Voltage (U_{imp}) | 6 kV |

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| Input Voltage Type | AC |
| Rated Current (I_n) | 16 A |
| Rated Service Short-Circuit Breaking Capacity (I_{cs}) | 3 kA |
| Rated Frequency (f) | 50/60 Hz |
| Minimum Switching Capacity | 24 V AC 25 mA |
| Power Loss | 0.82 W |
| Contact Position Indication | ON / OFF |
| Number of Poles | 2 |
| Number of Contacts CO | 0 |
| Number of Contacts NC | 0 |
| Number of Contacts NO | 2 |
| Number of Main Contacts NC | 0 |
| Number of Main Contacts NO | 2 |
| Number of Auxiliary Contacts CO (SPDT) | 0 |
| Tightening Torque | 1.2-1.5 N·m |
| Utilization Category | Switching of mixed resistive and inductive loads, including moderate overloads - frequent actuation (AC-22A) Switching of mixed resistive and inductive loads, including moderate overloads (i.e. shunt motors) - frequent actuation (DC-22A) |
| Switch Type | Double Interrupting Contacts |
| Material of Conductor | Copper |
| Options Provided | 2 NO |
| Remarks | Sealable in the On and Off positions |
| Cover Color | Grey |
| Control Element Color | Grey |
| Connecting Capacity | Solid 1x1...6 mm ² Solid 2x2.5 mm ² Flexible 1x0.75...2x2.5 mm ² |
| Rated Operational Current AC-22A (I_{θ}) | (400 V) 16 A |
| Rated Operational Current DC-22A (I_{θ}) | (50 V DC) 16 A (200 V DC) 1 A |

Environmental

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|---------------------------|--|
| Ambient Air Temperature | Operation -25...+55 °C Storage -40...+70 °C |
| Degree of Protection | IP20 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Environmental Information | 2CCC441003C0201 |

Technical UL/CSA

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|-------------------------------------|------|
| Short-Circuit Current Rating (SCCR) | 3 kA |
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|---|----------------------------------|
| Rated Operational Current AC-22A (I_e) | (400 V) 16 A |
| Rated Operational Current DC-22A (I_e) | (50 V DC) 16 A (200 V DC) 1 A |

Dimensions

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| 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 | 45 g |
| Product Net Length | 93 mm |
| Built-In Depth (t_2) | 68 mm |

Container Information

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|-----------------------------------|---------------|
| Package Level 1 Units | box 10 piece |
| Package Level 1 Width | 96 mm |
| Package Level 1 Height | 76 mm |
| Package Level 1 Depth / Length | 95 mm |
| Package Level 1 Gross Weight | 48 g |
| Package Level 1 EAN | 7612270938582 |

Ordering

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|------------------------|------------------|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 85365000 |
| E-Number (Finland) | 3602401 |
| E-Number (Sweden) | 2102787 |
| E-Number (Switzerland) | 437170238 |
| Country of Origin | Switzerland (CH) |

Certificates and Declarations (Document Number)

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|-------------------------------------|--------------------|
| CB Certificate | 9AKK108466A3838 |
| CCC Certificate | 9AKK108466A3831 |
| Declaration of Conformity - CE | 2CCC441013D0201 |
| Declaration of Conformity - UKCA | 9AKK108467A6122 |
| EAC Certificate | 9AKK107991A4779 |
| Environmental Information | 2CCC441003C0201 |
| Instructions and Manuals | No document needed |
| REACH Declaration | 2CCC005047D0201 |

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| RoHS Information | 2CCC441013D0201 |
| VDE Certificate | 9AKK108466A3836 |

Popular Downloads

| | |
|-----------------------------------|--------------------|
| Data Sheet, Technical Information | 2CCC441003C0101 |
| Instructions and Manuals | No document needed |

Classifications

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|----------------------------|---|
| ETIM 7 | EC001545 - Main switch for distribution board |
| ETIM 8 | EC001545 - Main switch for distribution board |
| EPLAN Catalog Tree | Electrical engineering / Sensor, switch, and pushbutton / Switch , pushbutton |
| EPLAN Function Definition | Switch / pushbutton / Double switch / pushbutton, 4 connection points / Switch, double NO contact 1_2_3_4 |
| 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

