



 PRODUCT-DETAILS

CP1-31R-10

CP1-31R-10 Pushbutton



General Information

| | |
|-----------------------|---|
| Extended Product Type | CP1-31R-10 |
| Product ID | 1SFA619100R3111 |
| EAN | 7320500551424 |
| Catalog Description | CP1-31R-10 Pushbutton |
| Long Description | <p>The CP1-31R-10 Pushbutton is: Compact - Pushbutton - Momentary - Flush - Red - Illuminated - Chrome Metal - 1NO - Red - 1 NO - 0 NC - , 24 V</p> <p>This Pushbutton is part of ABB's compact range, the most efficient all-in-one solution available, reducing installation time and cost.</p> <p>The compact range has a high level of dust and water resistance.</p> |

Ordering

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|------------------------|------------|
| Minimum Order Quantity | 10 piece |
| Customs Tariff Number | 8536501999 |

Popular Downloads

| | |
|-----------------------------------|-----------------|
| Data Sheet, Technical Information | 1SFC151007C02__ |
| Instructions and Manuals | 1SFC151011M0201 |

Dimensions

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|----------------------------|----------|
| Product Net Width | 0.03 m |
| Product Net Height | 0.03 m |
| Product Net Depth / Length | 0.055 m |
| Product Net Weight | 0.039 kg |

Technical

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|---|--|
| Ambient Air Temperature | Operation -25 ... +70 °C Storage -40 ... +85 °C |
| Color | Red |
| Actuator Type | Flush |
| Bezel Material | Chrome Metal |
| Illumination | Illuminated |
| Lamp Type | LED 24V AC/DC |
| Function | Momentary |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 1 |
| Enclosure Type NEMA | Type1 Type12 Type13 Type3R Type4 Type4X |
| Pollution Degree | 3 |
| Rated Insulation Voltage (U _i) | 300 V |
| Rated Impulse Withstand Voltage (U _{imp}) | 6 kV |
| Rated Frequency (f) | 50 / 60 Hz Supply Circuit 50 / 60 Hz |
| Rated Operational Voltage | 24 V AC/DC Maximum 300 V Supply Circuit 24 V AC/DC |
| Rated Operational Current DC-13 (I _θ) | (24 V) 0.3 A (125 V) 0.2 A |
| Rated Operational Current AC-15 (I _θ) | (240 V) 2 A (220 / 240 V) 2 A |
| Power Loss | Maximum 2.5 W |
| Mechanical Durability | 0.5 million |
| Connecting Capacity | Flexible with Ferrule 1 x 0.5...1.5 mm ² Flexible with Ferrule 2 x 0.5...1.5 mm ² Flexible with Insulated Ferrule 1 x 0.5...1.5 mm ² Flexible with Insulated Ferrule 2 x 0.5...1.5 mm ² Flexible 1 x 0.5 ...1.5 mm ² Flexible 2 x 0.5 ...1.5 mm ² Solid 1 x 0.5...1.5 mm ² Solid 2 x 0.5...1.5 mm ² |
| Connection Type | Screw Clamp |
| Terminal Type | Screw Terminals |
| Tightening Torque | 0.8 N·m |
| Wire Stripping Length | 6 mm |

Technical UL/CSA

| | |
|---------------------|----------------|
| Connecting Capacity | 1x 22...14 AWG |
| UL/CSA | 2x 22...14 AWG |

Environmental

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|----------------------|---|
| Degree of Protection | Front IP66 Front IP67 Front IP69K Terminals IP20 |
|----------------------|---|

Material Compliance

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|---|--|
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| REACH Declaration | 2CMT2022-006479 |
| RoHS Information | 2CMT2022-006498 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Toxic Substances Control Act - TSCA | 2CMT2023-006523 |
| WEEE B2C / B2B | Business To Business |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |

Certificates and Declarations

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|----------------------------------|-------------------------|
| CB Certificate | CQC_CN_CN50749 |
| CQC Certificate | CQC2003010305054693 |
| cURus Certificate | UL_E496500-20171020 |
| Declaration of Conformity - CCC | 2020980305001187 |
| Declaration of Conformity - CE | 2CMT2015-005451 |
| Declaration of Conformity - UKCA | 2CMT2020-006121 |
| DNV GL Certificate | 9AKK107046A3749 |
| EAC Certificate | RU C-CN.ME77.B.00587/20 |

Container Information

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|--------------------------------|---------------|
| Package Level 1 Units | bag 10 piece |
| Package Level 1 Width | 0.125 m |
| Package Level 1 Depth / Length | 0.235 m |
| Package Level 1 Height | 0.05 m |
| Package Level 1 Gross Weight | 0.394 kg |
| Package Level 1 EAN | 7320500408827 |

External Classifications and Standards

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|------------------------------------|--|
| Object Classification Code | S |
| ETIM 6 | EC001028 - Push button, complete |
| ETIM 7 | EC001028 - Push button, complete |
| ETIM 8 | EC001028 - Push button, complete |
| eClass | V11.0 : 27371228 |
| UNSPSC | 39122216 |
| IDEA Granular Category Code (IGCC) | 5212 >> Push button for distribution board |
| E-Number (Finland) | 2312207 |

Categories

Low Voltage Products and Systems → Control Products → Pilot Devices → Compact Range → CP Compact Pushbuttons

