

## PRODUCT-DETAILS

# CP4-10B-20

## CP4-10B-20 Pushbutton



### General Information

|                       |                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | CP4-10B-20                                                                                                                                                                                                                                                                                                                                                                    |
| Product ID            | 1SFA619103R1026                                                                                                                                                                                                                                                                                                                                                               |
| ABB Type Designation  | CP4-10B-20                                                                                                                                                                                                                                                                                                                                                                    |
| EAN                   | 7320500553435                                                                                                                                                                                                                                                                                                                                                                 |
| Catalog Description   | CP4-10B-20 Pushbutton                                                                                                                                                                                                                                                                                                                                                         |
| Long Description      | <p>The CP4-10B-20 Pushbutton is: Compact - Pushbutton - Maintained - Extended - Black - Non-illuminated - Black Plastic - 2NO - 2 NO - 0 NC - 300 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

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

### Popular Downloads

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

## Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 0.03 m   |
| Product Net Height         | 0.03 m   |
| Product Net Depth / Length | 0.06 m   |
| Product Net Weight         | 0.022 kg |

## Technical

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature                             | Operation -25 ... +70 °C<br>Storage -40 ... +85 °C                                                                                                                                                                                                                                                                                                                                                               |
| Color                                               | Black                                                                                                                                                                                                                                                                                                                                                                                                            |
| Actuator Type                                       | Extended                                                                                                                                                                                                                                                                                                                                                                                                         |
| Bezel Material                                      | Black Plastic                                                                                                                                                                                                                                                                                                                                                                                                    |
| Illumination                                        | Non-illuminated                                                                                                                                                                                                                                                                                                                                                                                                  |
| Function                                            | Maintained                                                                                                                                                                                                                                                                                                                                                                                                       |
| Number of Auxiliary Contacts NC                     | 0                                                                                                                                                                                                                                                                                                                                                                                                                |
| Number of Auxiliary Contacts NO                     | 2                                                                                                                                                                                                                                                                                                                                                                                                                |
| Degree of Protection                                | Front IP66<br>Front IP67<br>Front IP69K<br>Terminals IP20                                                                                                                                                                                                                                                                                                                                                        |
| Enclosure Type NEMA                                 | Type1<br>Type12<br>Type13<br>Type3R<br>Type4<br>Type4X                                                                                                                                                                                                                                                                                                                                                           |
| Pollution Degree                                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                |
| Rated Insulation Voltage (U <sub>i</sub> )          | 300 V                                                                                                                                                                                                                                                                                                                                                                                                            |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 6 kV                                                                                                                                                                                                                                                                                                                                                                                                             |
| Rated Frequency (f)                                 | 50 / 60 Hz                                                                                                                                                                                                                                                                                                                                                                                                       |
| Rated Operational Voltage                           | Maximum 300 V                                                                                                                                                                                                                                                                                                                                                                                                    |
| Rated Operational Current DC-13 (I <sub>e</sub> )   | (24 V) 0.3 A<br>(125 V) 0.2 A                                                                                                                                                                                                                                                                                                                                                                                    |
| Rated Operational Current AC-15 (I <sub>e</sub> )   | (240 V) 1 A                                                                                                                                                                                                                                                                                                                                                                                                      |
| Power Loss                                          | Maximum 5 W                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mechanical Durability                               | 0.5 million                                                                                                                                                                                                                                                                                                                                                                                                      |
| Connecting Capacity                                 | Flexible with Ferrule 1 x 0.5...1.5 mm <sup>2</sup><br>Flexible with Ferrule 2 x 0.5...1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1 x 0.5...1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2 x 0.5...1.5 mm <sup>2</sup><br>Flexible 1 x 0.5 ...1.5 mm <sup>2</sup><br>Flexible 2 x 0.5 ...1.5 mm <sup>2</sup><br>Solid 1 x 0.5...1.5 mm <sup>2</sup><br>Solid 2 x 0.5...1.5 mm <sup>2</sup> |
| 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

|                  |                                                                        |
|------------------|------------------------------------------------------------------------|
| RoHS Status      | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date        | 0626 5                                                                 |
| RoHS Information | 2CMT2015-005451                                                        |
| WEEE Category    | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B   | Business To Business                                                   |

## Certificates and Declarations (Document Number)

|                                 |                         |
|---------------------------------|-------------------------|
| CB Certificate                  | CQC_CN_CN50749          |
| CQC Certificate                 | CQC2003010305054693     |
| cURus Certificate               | UL_E496500-20171020     |
| Declaration of Conformity - CCC | 2020980305001187        |
| Declaration of Conformity - CE  | 2CMT2015-005451         |
| DNV GL Certificate              | 9AKK107046A3749         |
| EAC Certificate                 | RU C-CN.ME77.B.00587/20 |
| Environmental Information       | 1SAC200027H0002         |
| Instructions and Manuals        | 1SFC151011M0201         |
| RoHS Information                | 2CMT2015-005451         |

## Container Information

|                                |               |
|--------------------------------|---------------|
| 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   | 0.224 kg      |
| Package Level 1 EAN            | 7320500243985 |

## Classifications

|                            |                                  |
|----------------------------|----------------------------------|
| 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                     | 39121500                         |
| E-Number (Finland)         | 2312822                          |
| E-Number (Norway)          | 4373473                          |
| E-Number (Sweden)          | 3705490                          |

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## Categories

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

