



PRODUCT-DETAILS

# P9B10FN

## P9B10FN Contact Block



| General Information                                                                         |                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type                                                                       | P9B10FN                                                                                                                                                                                                    |
| Product ID                                                                                  | 1SFA187013R8301                                                                                                                                                                                            |
| EAN                                                                                         | 7320500522929                                                                                                                                                                                              |
| Catalog Description                                                                         | P9B10FN Contact Block                                                                                                                                                                                      |
| The P9B10FN Contact Block is: Modular metal - Contact Block - Brown - Front mounting - 1 NO |                                                                                                                                                                                                            |
| Long Description                                                                            | This Contact Block is part of ABB's modular metal range designed for mining, construction and heavy industry applications, combining the highest reliability with the full flexibility of a modular range. |

| Ordering               |            |
|------------------------|------------|
| Minimum Order Quantity | 10 piece   |
| Customs Tariff Number  | 8536901000 |

| Popular Downloads     |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 1SFC151007C02__ |

Information

|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 1SFC151011M0201 |
|--------------------------|-----------------|

Dimensions

|                            |          |
|----------------------------|----------|
| Product Net Width          | 9.6 mm   |
| Product Net Height         | 39.5 mm  |
| Product Net Depth / Length | 48 mm    |
| Product Net Weight         | 0.013 kg |

Technical

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ambient Air Temperature                             | Operation -30 ... 70 °C<br>Storage -40 ... +70 °C                                                                                                                                                                                                                                                                                                                                                                          |
| Color                                               | Brown                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Mounting Type                                       | Front mounting                                                                                                                                                                                                                                                                                                                                                                                                             |
| Number of Auxiliary Contacts NO                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pollution Degree                                    | 3                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rated Insulation Voltage (U <sub>i</sub> )          | 690 V                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Rated Impulse Withstand Voltage (U <sub>imp</sub> ) | 4 kV                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Connecting Capacity                                 | Flexible with Ferrule 1 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Ferrule 2 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1 x 0.75...2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2 x 0.75...2.5 mm <sup>2</sup><br>Flexible 1 x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible 2 x 0.75 ... 2.5 mm <sup>2</sup><br>Solid 1 x 0.75...2.5 mm <sup>2</sup><br>Solid 2 x 0.75...2.5 mm <sup>2</sup> |
| Connection Type                                     | Faston                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Terminal Type                                       | Faston                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Tightening Torque                                   | 0.9 N·m                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Wire Stripping Length                               | 10 mm                                                                                                                                                                                                                                                                                                                                                                                                                      |

Technical UL/CSA

|                     |                |
|---------------------|----------------|
| Connecting Capacity | 1x 18...14 AWG |
| UL/CSA              | 2x 18...14 AWG |

Environmental

|                      |                |
|----------------------|----------------|
| Degree of Protection | Terminals IP20 |
|----------------------|----------------|

Material Compliance

|                                             |                 |
|---------------------------------------------|-----------------|
| 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

|                                  |                     |
|----------------------------------|---------------------|
| BV Certificate                   | 2CMT2019-005867     |
| CB Certificate                   | 2CMT2019-005873     |
| CQC Certificate                  | CQC2013010304650811 |
| CSA Certificate                  | 2CMT2019-005868     |
| cULus Certificate                | 2CMT2019-005868     |
| Declaration of Conformity - CCC  | 2020980304001860    |
| Declaration of Conformity - CE   | 2CMT2019-005862     |
| Declaration of Conformity - UKCA | 2CMT2020-006121     |
| DNV GL Certificate               | 2CMT2019-005876     |
| RINA Certificate                 | 2CMT2019-005866     |
| UL Certificate                   | 2CMT2019-005868     |

Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Units          | bag 1 piece   |
| Package Level 1 Width          | 80 mm         |
| Package Level 1 Depth / Length | 50 mm         |
| Package Level 1 Height         | 120 mm        |
| Package Level 1 Gross Weight   | 0.013 kg      |
| Package Level 1 EAN            | 7320500522929 |

Classifications

|                                    |                                    |
|------------------------------------|------------------------------------|
| ETIM 7                             | EC000041 - Auxiliary contact block |
| ETIM 8                             | EC000041 - Auxiliary contact block |
| eClass                             | V11.0 : 27371302                   |
| UNSPSC                             | 39122221                           |
| IDEA Granular Category Code (IGCC) | 5219 >> Switch part or accessory   |
| E-Number (Finland)                 | 2314724                            |

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## Categories

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Low Voltage Products and Systems → Control Products → Pilot Devices → Modular Metal Range P9M

