

## PRODUCT-DETAILS

# ABB5100C5WN

## ABB5100C5WN Industrial connector



### General Information

|                       |                                                                                   |
|-----------------------|-----------------------------------------------------------------------------------|
| Extended Product Type | ABB5100C5WN                                                                       |
| Product ID            | 2CMA105038R1000                                                                   |
| EAN                   | 7392696050388                                                                     |
| Catalog Description   | ABB5100C5WN Industrial connector                                                  |
| Long Description      | IEC Connector for 100A and 347/600V AC 4P5W, UL/CSA/NSF approved and CE compliant |

### Ordering

|                        |                     |
|------------------------|---------------------|
| EAN                    | 7392696050388       |
| Country of Origin      | Czech Republic (CZ) |
| Minimum Order Quantity | 1 piece             |

### Dimensions

|                     |                 |
|---------------------|-----------------|
| Product Net Width   | 110 mm          |
| Product Net Height  | 123 mm          |
| Product Net Weight  | 1.53 kg         |
| Mechanical Drawings | 9AKK107492A4189 |

### Container Information

|                                |               |
|--------------------------------|---------------|
| Package Level 1 Width          | 158 mm        |
| Package Level 1 Depth / Length | 345 mm        |
| Package Level 1 Height         | 138 mm        |
| Package Level 1 Gross Weight   | 1.56 kg       |
| Package Level 1 EAN            | 7392696050388 |
| Package Level 1 Units          | box 1 piece   |

## Environmental

|             |                                   |
|-------------|-----------------------------------|
| RoHS Status | Following EU Directive 2011/65/EU |
|-------------|-----------------------------------|

## Certificates and Declarations (Document Number)

|                                |                  |
|--------------------------------|------------------|
| CSA Certificate                | 2CHC660174X0201  |
| Declaration of Conformity - CE | 2CMC700005D0022  |
| Environmental Information      | 2CMC000056M0000  |
| RoHS Information               | 2CMC700005D0022  |
| UL Certificate                 | E163435-19950105 |
| UL Listing Card                | 7F43             |
| REACH Declaration              | 2CMC700005D0022  |

## Additional Information

|                            |                                        |
|----------------------------|----------------------------------------|
| Additional Information     | 3P+N+E                                 |
| Ambient Temperature        | -25 ... 40 °C                          |
| Cable Cross-Section        | 16 ... 50 mm²                          |
| Cable Diameter             | 24 ... 48 mm                           |
| Color                      | Black                                  |
| Connection Type            | Screw                                  |
| Degree of Protection       | IP67                                   |
| Frequency (f)              | 50 Hz<br>60 Hz                         |
| Function                   | Connector                              |
| Housing Material           | Thermoplastic (PBT)                    |
| Invoice Description        | Ind. P&S#ABB5100C5WN                   |
| Number of Poles            | 5                                      |
| Order Multiple             | 1 piece                                |
| Product Main Type          | TC                                     |
| Product Name               | Industrial connector                   |
| Rated Current ( $I_n$ )    | 100 A                                  |
| Rated Voltage ( $U_r$ )    | 600 ... 690 V                          |
| Standards                  | UL 1682, 1686 / CSA C22.2 No. 182.1-13 |
| Suitable for Product Class | IEC Industrial Plugs and Sockets       |
| Instructions and Manuals   | No document needed                     |
| Installation Manual        | 2CMC700052M0001                        |
| RAL Number                 | RAL 7001 - Silver Grey                 |

## Classifications

|        |          |
|--------|----------|
| eClass | 27440509 |
| UNSPSC | 39121413 |

Technical

|                   |                  |
|-------------------|------------------|
| Wire Size         | 3 ... 1 AWG      |
| Tightening Torque | WireClamp5.6 N·m |

Categories

Low Voltage Products and Systems → Industrial Plugs and Sockets → Tough & Safe → Connectors

