

**DFFC 1.5-2.5 SN E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image****For a reliable contact - CB/CS crimp contact.**

The combination of RSV housings and Weidmüller's crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

**General ordering data**

|              |                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------|
| Version      | PCB plug-in connector, Crimp contact, Contact, tinned, Max. clamping range : 2.5 mm <sup>2</sup> |
| Order No.    | <a href="#">1567070000</a>                                                                       |
| Type         | DFFC 1.5-2.5 SN E                                                                                |
| GTIN (EAN)   | 4008190059071                                                                                    |
| Qty.         | 250 pc(s).                                                                                       |
| Product data |                                                                                                  |
| Packaging    | Box                                                                                              |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 18.8 mm | Depth (inches)  | 0.74 inch  |
| Height     | 5.7 mm  | Height (inches) | 0.224 inch |
| Width      | 4.3 mm  | Width (inches)  | 0.169 inch |
| Net weight | 0.41 g  |                 |            |

## Material data

|                                       |              |                                       |          |
|---------------------------------------|--------------|---------------------------------------|----------|
| Colour                                | No           | Colour chart (similar)                | -        |
| Contact base material                 | Copper alloy | Contact material                      | Cu-alloy |
| Contact surface                       | tinned       | Storage temperature, min.             | -40 °C   |
| Storage temperature, max.             | 70 °C        | Operating temperature, min.           | -50 °C   |
| Operating temperature, max.           | 100 °C       | Temperature range, installation, min. | -25 °C   |
| Temperature range, installation, max. | 100 °C       |                                       |          |

## Conductors suitable for connection

|                                           |                     |                                           |                     |
|-------------------------------------------|---------------------|-------------------------------------------|---------------------|
| Clamping range, min.                      | 1.5 mm <sup>2</sup> | Clamping range, max.                      | 2.5 mm <sup>2</sup> |
| Wire connection cross section AWG, min.   | AWG 16              | Wire connection cross section AWG, max.   | AWG 14              |
| Stranded, min. H07V-R                     | 1.5 mm <sup>2</sup> | Stranded, max. H07V-R                     | 2.5 mm <sup>2</sup> |
| Flexible, min. H05(07) V-K                | 1.5 mm <sup>2</sup> | Flexible, max. H05(07) V-K                | 2.5 mm <sup>2</sup> |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0 mm <sup>2</sup>   | w. wire end ferrule, DIN 46228 pt 1, max. | 0 mm <sup>2</sup>   |

## Rated data acc. to IEC

|                                         |                        |                                                                       |      |
|-----------------------------------------|------------------------|-----------------------------------------------------------------------|------|
| tested acc. to standard                 | IEC 60664-1, IEC 61984 | Rated impulse voltage for surge voltage class/ pollution degree III/2 | 0 kV |
| Short-time withstand current resistance | 3 x 1s with 120 A      |                                                                       |      |

## Packing

|           |       |            |       |
|-----------|-------|------------|-------|
| Packaging | Box   | VPE length | 98 mm |
| VPE width | 90 mm | VPE height | 39 mm |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002943    | ETIM 7.0    | EC002943    |
| ETIM 8.0    | EC002943    | ETIM 9.0    | EC002943    |
| ECLASS 9.0  | 27-44-04-92 | ECLASS 9.1  | 27-44-04-92 |
| ECLASS 10.0 | 27-44-04-92 | ECLASS 11.0 | 27-46-04-03 |
| ECLASS 12.0 | 27-46-04-03 | ECLASS 13.0 | 27-46-04-03 |
| ECLASS 14.0 | 27-46-04-03 |             |             |

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

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|                |                                                                                                                                                                                                                                                                                                                            |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IPC conformity | Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request. |
| Notes          | <ul style="list-style-type: none"><li>• Long term storage of the product with average temperature of 50 °C and maximum humidity 70%, 36 months</li></ul>                                                                                                                                                                   |

**Approvals**

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

**Downloads**

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of the Manufacturer</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Brochures                                   | <a href="#">FL DRIVES EN</a><br><a href="#">MB DEVICE MANUF. EN</a><br><a href="#">FL DRIVES DE</a><br><a href="#">FL BUILDING SAFETY EN</a><br><a href="#">FL APPL LED LIGHTING EN</a><br><a href="#">FLIndustr.CONTROLS EN</a><br><a href="#">FL MACHINE SAFETY EN</a><br><a href="#">FL HEATING ELECTR EN</a><br><a href="#">FL APPL INVERTER EN</a><br><a href="#">FL BASE STATION EN</a><br><a href="#">FL ELEVATOR EN</a><br><a href="#">FL POWER SUPPLY EN</a><br><a href="#">FL 72H SAMPLE SER EN</a><br><a href="#">PO OMNIMATE EN</a><br><a href="#">PO OMNIMATE EN</a> |

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# Drawings

## Dimensional drawing

