

**CS1,6E22-20 SN I2,5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Similar to illustration

**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, Individual contact, Pin &ndash; standard, tinned, Max. clamping range : 0.5 mm <sup>2</sup> |
| Order No.    | <a href="#">1425600000</a>                                                                                                        |
| Type         | CS1,6E22-20 SN I2,5                                                                                                               |
| GTIN (EAN)   | 4008190048884                                                                                                                     |
| Qty.         | 250 pc(s).                                                                                                                        |
| Product data |                                                                                                                                   |
| Packaging    | Box                                                                                                                               |

## CS1,6E22-20 SN I2,5

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

|            |        |
|------------|--------|
| Net weight | 0.54 g |
|------------|--------|

## System Parameters

|                  |                                  |                        |                  |
|------------------|----------------------------------|------------------------|------------------|
| Product family   | OMNIMATE Power - Powerbus series | Wire connection method | Crimp connection |
| Number of poles  | 1                                | Volume resistance      | 3.30 mΩ          |
| Stripping length | 4 mm                             |                        |                  |

## Material data

|                                       |        |                                       |        |
|---------------------------------------|--------|---------------------------------------|--------|
| Contact material                      | CuZn   | 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.                    | 0.34 mm <sup>2</sup> | Clamping range, max.                    | 0.5 mm <sup>2</sup> |
| Wire connection cross section AWG, min. | AWG 22               | Wire connection cross section AWG, max. | AWG 20              |
| Outer diameter of insulation, min.      | 2 mm                 | Outer diameter of insulation, max.      | 2.5 mm              |

## Rated data acc. to IEC

|                         |                        |
|-------------------------|------------------------|
| tested acc. to standard | IEC 60664-1, IEC 61984 |
|-------------------------|------------------------|

## Packing

|           |       |            |       |
|-----------|-------|------------|-------|
| Packaging | Box   | VPE length | 40 mm |
| VPE width | 70 mm | VPE height | 90 mm |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002943    | ETIM 7.0    | 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 |

## Important note

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

- The long pins can be used with the standard pins as leading contacts.
- Long term storage of the product with average temperature of 50 °C and average humidity 70%, 36 months

## Approvals

Approvals



ROHS

Conform

Creation date March 23, 2021 10:18:32 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

**CS1,6E22-20 SN I2,5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Downloads

Approval/Certificate/Document of  
Conformity[Declaration of the Manufacturer](#)

Engineering Data

[STEP](#)

**CS1,6E22-20 SN I2,5**

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

### Dimensional drawing

