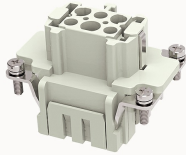


## Overview

## Product information

**DE-006-FS-21020000112**

Heavy-duty insert, Number of contacts: 6+PE, Dimension: 6B, Rated voltage : 500V, Rated current: 16A, Female insert, Cage clamp connector

## Product advantages

- ☑ Spring cage connection technology, high vibration resistance;
- ☑ No special tools required, maintenance-free ;
- ☑ Less materials, easy to manage;
- ☑ With grounding protection.

## Product certification



## Technical data

## Product drawing

## 3D model



## Marking

classification

Insert

Series

DE

## versions

Connection method

Spring cage connection

Female/Male

Female

Dimension

6B

Number of positions

6

PE Contacts

Yes

Material characteristics

|                     |                             |
|---------------------|-----------------------------|
| Material (insert)   | Polycarbonate (PC)          |
| Materia (Contact)   | Copper alloy                |
| Surface (Contact)   | Silver plated               |
| Flammability rating | V-0                         |
| color               | Grey/White (RAL 7032)       |
| RoHS                | Comply with RoHS exemptions |

Electrical parameters

|                                      |             |
|--------------------------------------|-------------|
| Rated current                        | 16A         |
|                                      | 500V        |
| Rated pulse voltage                  | 6KV         |
| Pollution level                      | 3           |
| On the basis of UL /CSARated current | 600V        |
| Insulation resistance                | ≥10000MΩ    |
| Contact resistance                   | ≤1mΩ        |
| Temperature range                    | -40℃~+125℃  |
| working life-mating cycles           | ≥500 time   |
| Strip length                         | 7-9mm       |
| Conductor cross sections (mm²)       | 0.14-2.5mm² |
| Conductor cross sections(AWG)        | 26-14AWG    |

Standards

|                            |                           |
|----------------------------|---------------------------|
| Connection meets standards | DIN EN 60664 DIN EN 61984 |
|----------------------------|---------------------------|

Accessories

Accessories

Slotted Screwdriver

/

Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 21020000112 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 50.81       |