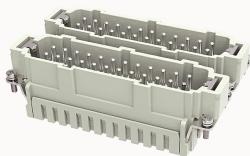


## Overview

### Product information



## DE-048-MS-21020000319

Heavy-duty insert, Number of contacts: 48+PE, Dimension: 48B, Rated voltage : 500V, Rated current: 16A, Male 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         | Male                   |
| Dimension           | 48B                    |
| Number of positions | 48                     |
| 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

Screwdriver

/

#### Business data

|                                     |             |
|-------------------------------------|-------------|
| Order number                        | 21020000319 |
| Packing unit                        | 100         |
| Minimum order quantity              | 5           |
| Products weight (without packaging) | 220.28      |