

## Power connectors - VS-PPC-C2-MSTB-MNNA-P13-B5-SP - 1608223

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MSTB connector, IP67, with push-pull interlocking, metal housing, 400 V, 5-pos., with spring-cage connection, for AWG 18 ... 13, for cable cross section 9.0 mm ... 13.0 mm



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 1      |
| Weight per Piece (excluding packing) | 74.2 GRM |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Mechanical characteristics

|                              |  |
|------------------------------|--|
| Number of positions          | 5  |
| Connection profile           | MSTB   |
| Locking type                 | Push Pull                                    |
| Insertion/withdrawal cycles  | ≥ 100  |
| Connection method            | Spring-cage conn.                            |
| Conductor cross section      | 0.75 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Connection cross section AWG | 18 ... 13                                    |
| External cable diameter      | 9 mm ... 13 mm                               |
| Cable exit                   | Straight                                     |
| Color                        | silver                                       |

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Degree of protection            | IP65/67          |

#### Material data

|   |    |
|---|----|
| Inflammability class according to UL 94 | V0 |
|---|----|

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### Technical data

#### Material data

|                          |                  |
|--------------------------|------------------|
| Housing material         | Zinc die-cast    |
| Housing surface material | Nickel-plated    |
| Contact carrier material | PA               |
| Contact material         | Copper alloy     |
| Contact surface material | Gold over nickel |
| Sealing material         | NBR              |
| Seal material            | NBR              |
| Cable seal material      | TPE              |

#### Electrical characteristics

|                       |                 |
|-----------------------|-----------------|
| Number of positions   | 5               |
| Nominal voltage $U_N$ | 24 V            |
| Nominal current $I_N$ | 16 A            |
| Rated current         | 16 A (at 20 °C) |
| Pollution degree      | 2               |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260703 |
| eCl@ss 7.0 | 27440101 |
| eCl@ss 8.0 | 27440101 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002636 |
| ETIM 5.0 | EC002636 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 31261501 |
| UNSPSC 7.0901 | 31261501 |
| UNSPSC 11     | 31261501 |
| UNSPSC 12.01  | 31261501 |
| UNSPSC 13.2   | 31261501 |

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### Accessories

Accessories

Connector

Ferrule - AI 2,5 -10 BU - 3202533



Ferrule, Length: 17 mm, Color: blue

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### Drawings

Dimensioned drawing

