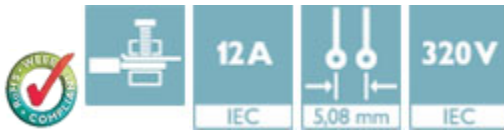


## Plug - MVSTBW 2,5/ 8-ST-5,08 BK - 1738957

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Plug component, Nominal current: 12 A, Rated voltage (III/2): 320 V, Number of positions: 8, Pitch: 5.08 mm, Connection method: Screw connection with tension sleeve, Color: black, Contact surface: Tin



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 17.22 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Pitch       | 5.08 mm  |
| Dimension a | 35.56 mm |

#### General

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Range of articles                | MVSTBW 2,5/...-ST                    |
| Type of contact                  | Female connector                     |
| Number of positions              | 8                                    |
| Connection method                | Screw connection with tension sleeve |
| Insulating material group        | I                                    |
| Rated surge voltage (III/3)      | 4 kV                                 |
| Rated surge voltage (III/2)      | 4 kV                                 |
| Rated surge voltage (II/2)       | 4 kV                                 |
| Rated voltage (III/3)            | 250 V                                |
| Rated voltage (III/2)            | 320 V                                |
| Rated voltage (II/2)             | 630 V                                |
| Connection in acc. with standard | EN-VDE                               |
| Nominal current $I_N$            | 12 A                                 |
| Nominal cross section            | 2.5 mm <sup>2</sup>                  |
| Maximum load current             | 12 A                                 |

## Plug - MVSTBW 2,5/ 8-ST-5,08 BK - 1738957

### Technical data

#### General

|  |        |
|--|--------|
| Insulating material                    | PA     |
| Flammability rating according to UL 94 | V0     |
| Internal cylindrical gage              | A3     |
| Stripping length                       | 7 mm   |
| Screw thread                           | M3     |
| Tightening torque, min                 | 0.5 Nm |
| Tightening torque max                  | 0.6 Nm |

#### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section flexible max.   | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule without plastic sleeve max.              | 2.5 mm <sup>2</sup>  |
| Conductor cross section flexible, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section flexible, with ferrule with plastic sleeve max.                 | 2.5 mm <sup>2</sup>  |
| Conductor cross section AWG min.  | 24                   |
| Conductor cross section AWG max.  | 12                   |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 1.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 1 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL   | 30                   |
| Maximum AWG according to UL/CUL   | 12                   |

#### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CSA    |
| Flammability rating according to UL 94 | V0     |

# Plug - MVSTBW 2,5/ 8-ST-5,08 BK - 1738957

## 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 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440309 |
| eCl@ss 9.0 | 27440309 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002638 |
| ETIM 5.0 | EC002638 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / IECCE CB Scheme / CSA / EAC / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details


# Plug - MVSTBW 2,5/ 8-ST-5,08 BK - 1738957

## Approvals

UL Recognized 

VDE Gutachten mit Fertigungsüberwachung 

cUL Recognized 

IECEE CB Scheme 

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