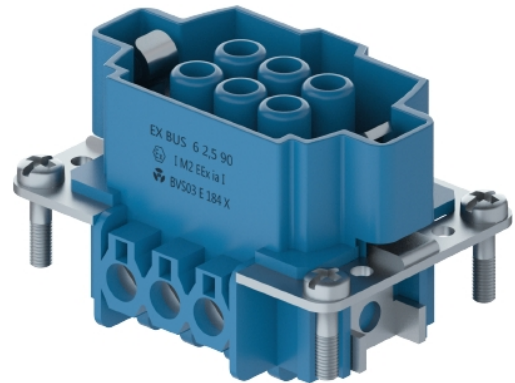


## Data sheet

Commercial Art.No.: 72.300.0653.9

female insert EX BUS 6 2,5 09IA



certificates / approvals



## Technical data

### general

|                                  |               |
|----------------------------------|---------------|
| explosion-tested version         | yes           |
| model                            | female insert |
| color                            | blue          |
| mating cycles                    | 200           |
| pollution degree                 | 3             |
| operating temperature range min. | -20 °C        |
| operating temperature range max. | 60 °C         |

### connection data

|                 |                  |
|-----------------|------------------|
| connection type | screw connection |
| number of poles | 6                |

### technical data UL/CSA

|                                            |                     |
|--------------------------------------------|---------------------|
| min. conductor cross section flexible wire | 0.5 mm <sup>2</sup> |
| max. conductor cross section flexible wire | 2.5 mm <sup>2</sup> |

### contacts

|                    |              |
|--------------------|--------------|
| contact material   | copper alloy |
| surface            | tin-plated   |
| contact resistance | ≤ 1.5 mOhm   |
| wire strip length  | 7 mm         |

### technical data DIN EN 61984

|                 |      |
|-----------------|------|
| nominal voltage | 90 V |
|-----------------|------|

### note

|      |                                                                                                                                                                                                                                                                                                                                     |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| note | max. input current 16A by permitted wire cross section 1.5 till 2.5mm <sup>2</sup> ;<br>max. input current 10A by permitted wire cross section 1.0 mm <sup>2</sup> ;<br>max. input current 6 A by permitted wire cross section 0.75 mm <sup>2</sup> ;<br>max. input current 3 A by permitted wire cross section 0.5 mm <sup>2</sup> |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### classification

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27440205 |
| ETIM 9.0   | EC000438 |
| ETIM 8.0   | EC000438 |
| ETIM 7.0   | EC000438 |
| ETIM 6.0   | EC000438 |
| ETIM 5.0   | EC000438 |
| ETIM 4.0   | EC000438 |

#### product compliance

|                              |                    |
|------------------------------|--------------------|
| ROHS conformity status       | compliant/exempted |
| ROHS exceptions              | III-6(c)           |
| REACH-SVHC conformity status | Duty-To-Declare    |
| REACH-SVHC substances        | Lead               |
| REACH-SVHC CAS numbers       | 7439-92-1          |