

## Datasheet

Art.No. 78.203.0453.0

Modular insert FLE BUF 4 2,5 40 AG

Modular connector system 4 pole male insert, 400V/14A, spring clamp connection



Art.No.	78.203.0453.0
EAN	4015573743304
Order unit	10 pieces

## Approvals



## Technical data

### General

Model	Female insert
Inflammability class of insulation material acc. with UL94	V0
Colour	Grey
Mating cycles	200
Pollution degree	3
Modular version	Yes
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

### Connection Data

Connection type	Spring
Number of poles	4
Plus switching contacts	0
Number of pole for rated current 2	0
Number of pole for rated current 3	0
Total number of poles (without ground contact)	4
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	0.5
Max. conductor diameter rigid (solid/stranded)	2.5
Protective contact	No

#### Technical Data UL/CSA

Rated voltage according to UL/CSA	600
Rated current according UL	14
Rated current according CSA	14
Min. conductor cross section flexible wire	0.5
Max. conductor cross section flexible wire	2.5
Conductor cross section flexible AWG wire	26-14 AWG

#### Model

With housing	No
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#### Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	5 mOhm
Wire strip length	10 mm

#### Technical Data DIN EN 61984

Nominal voltage	400
Rated voltage face/ground	400
Nominal current	14
Rated impulse voltage	6 kV

Drawings

<p>1</p> <p style="text-align: center;">34</p> <p style="text-align: center;">7,5</p> <p style="text-align: center;">27,6</p> <p style="text-align: center;">5,7</p>	<p>2</p> <p style="text-align: center;">11,4</p> <p style="text-align: center;">40,4</p>	<p>3</p>																																								
<p><b>Technische Daten</b> <b>Technical Data</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>VDE</th> <th>UL</th> <th>CSA</th> </tr> </thead> <tbody> <tr> <td>Bemessungsspannung V rated voltage</td> <td>400</td> <td>600</td> <td>600</td> </tr> <tr> <td>Bemessungsstrom A rated current</td> <td>14</td> <td>14</td> <td>14</td> </tr> <tr> <td>Anschlußbereich max. mm<sup>2</sup>/AWG connection range</td> <td>2,5</td> <td>26-14</td> <td>26-14</td> </tr> <tr> <td colspan="4">Brennbarkeitsklasse UL 94 V-0 flamability rating UL 94 V-0</td> </tr> <tr> <td colspan="4">Verschmutzungsgrad 3/Überspannungskategorie III pollution degree 3/overvoltage category III</td> </tr> <tr> <td colspan="4">Kontaktbasismaterial Cu-Legierung contact basis material</td> </tr> <tr> <td colspan="4">Kontaktoberfläche Ag contact surface</td> </tr> <tr> <td colspan="4">Isoliermaterial PC insulating material</td> </tr> <tr> <td colspan="4">Farbe grau, ähnl. RAL7032 colour grey, sim. to RAL7032</td> </tr> </tbody> </table>				VDE	UL	CSA	Bemessungsspannung V rated voltage	400	600	600	Bemessungsstrom A rated current	14	14	14	Anschlußbereich max. mm <sup>2</sup> /AWG connection range	2,5	26-14	26-14	Brennbarkeitsklasse UL 94 V-0 flamability rating UL 94 V-0				Verschmutzungsgrad 3/Überspannungskategorie III pollution degree 3/overvoltage category III				Kontaktbasismaterial Cu-Legierung contact basis material				Kontaktoberfläche Ag contact surface				Isoliermaterial PC insulating material				Farbe grau, ähnl. RAL7032 colour grey, sim. to RAL7032			
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<p>Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167. (This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).</p>																																										
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