

**OMNIMATE Power - Powerbus series  
CB1,6RD18-16 AU,75 I3,5**

**Weidmüller Interface GmbH & Co. KG**  
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Similar to illustration

**For a reliable contact - CB/CS crimp contact.**

The combination of RSV housings and Weidmüller's crimp contacts enable custom adaptations to the specific requirements of your applications.

The following product options are available depending on the system:

- Safe centring of the contacts using the three-segment pin tips
- High contact reliability using four defined contact points
- Locking clasp in the cantilever spring for a secure mount of the contacts in the housing
- Pin contacts with two lengths to implement leading-pin contacts
- Up to 100 plugging cycles (tin version)
- Up to 500 plugging cycles (gold version)

The appropriate high-quality tools from Weidmüller guarantee professional processing.

**General ordering data**

Type	CB1,6RD18-16 AU,75 I3,5
Order No.	<a href="#">1023470000</a>
Version	PCB plug-in connector, Crimp contact, Reel packaged, Socket connector, Gold-plated, Max. clamping range : 1.5 mm <sup>2</sup>
GTIN (EAN)	4032248740055
Qty.	4,000 pc(s).
Product data	
Packaging	Reel

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**Technical data****Dimensions and weights**

Net weight	0.83 g
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**System Parameters**

Product family	OMNIMATE Power - Powerbus series	Wire connection method	Crimp connection
Number of poles	1	Pin series quantity	1
Stripping length	4 mm		

**Material data**

Contact surface	Gold-plated	Storage temperature, min.	-25 °C
Storage temperature, max.	50 °C	Max. relative humidity during storage	70 %
Operating temperature, min.	-50 °C	Operating temperature, max.	100 °C
Temperature range, installation, min.	-25 °C	Temperature range, installation, max.	100 °C

**Conductors suitable for connection**

Clamping range, min.	0.75 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
Wire connection cross section AWG, min.	AWG 18	Wire connection cross section AWG, max.	AWG 16
Outer diameter of insulation, min.	2 mm	Outer diameter of insulation, max.	3.5 mm
Max. clamping range	1.5 mm <sup>2</sup>		

**Rated data acc. to IEC**

tested acc. to standard	IEC 60664-1, IEC 61984
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**Packing**

Packaging	Reel	VPE length	620 mm
VPE width	620 mm	VPE height	55 mm

**Classifications**

ETIM 6.0	EC002943	ETIM 7.0	EC002943
eClass 9.0	27-44-04-92	eClass 9.1	27-44-04-92
eClass 10.0	27-44-04-92	UNSPSC	30-21-18-01

**Notes**

Notes	<ul style="list-style-type: none"> <li>The long pins can be used with the standard pins as leading contacts.</li> </ul>
IPC conformity	Conformity: The products are developed, manufactured and delivered according international recognized standards and norms and comply with the assured properties in the data sheet resp. fulfill decorative properties in accordance with IPC-A-610 "Class 2". Further claims on the products can be evaluated on request.

**Approvals**

Approvals



ROHS	Conform
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**Data sheet****OMNIMATE Power - Powerbus series  
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**Technical data****Downloads**

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Approval/Certificate/Document of Conformity	<a href="#">Declaration of the Manufacturer</a>
Brochure/Catalogue	<a href="#">MB DEVICE MANUF. EN</a> <a href="#">FL 72H SAMPLE SER EN</a> <a href="#">PO OMNIMATE EN</a>

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**Drawings****Dimensional drawing**