

**SAI-M12L-KBC-0.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

Version	Crimp contact, Socket connector
Order No.	<a href="#">2530990000</a>
Type	SAI-M12L-KBC-0.5
GTIN (EAN)	4050118541106
Qty.	50 pc(s).

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Length	23.2 mm	Length (inches)	0.913 inch
Net weight	0.72 g		

**Technical data customisable plug-in connectors**

Contact material	Cu	Contact surface	Gold-plated
Plugging cycles	500	Pollution severity	3
Rated current	16 A	Rated voltage	63 V
Type of connection	Crimp connection		

**General Info**

Connection 1	M12 Contact	Connection 2	Crimp
Contact material	Cu	Contact surface	Gold-plated
Wire connection cross section, finely stranded, min.	0.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	0.5 mm <sup>2</sup>
Plugging cycles	500		

**Standards**

Connector standard	IEC 61076-2-111
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**Classifications**

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ETIM 9.0	EC000796
ECLASS 9.0	27-44-02-92	ECLASS 9.1	27-44-02-90
ECLASS 10.0	27-44-02-92	ECLASS 11.0	27-44-02-92
ECLASS 12.0	27-44-02-92	ECLASS 13.0	27-44-02-92

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

**Approvals**

ROHS	Conform
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**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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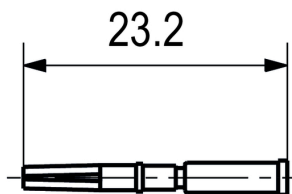
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## Drawings

### Dimensioned drawing



Socket connector

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Crimping tools****Crimping tools for turned contacts**

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

**General ordering data**

Type	CTX CM 1.6/2.5	Version
Order No.	<a href="#">9018490000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 4mm <sup>2</sup> , W crimp
GTIN (EAN)	4008190884598	
Qty.	1 pc(s).	