

SAI-M12L-KBC-2.5**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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
Order No.	2525650000
Type	SAI-M12L-KBC-2.5
GTIN (EAN)	4050118537000
Qty.	50 pc(s).

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Technical data

Dimensions and weights

Length	23.2 mm	Length (inches)	0.913 inch
Net weight	0.6 g		

Technical data customisable plug-in connectors

Contact material	Cu	Contact surface	Gold-plated
Gender of contact	Female	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.	2.5 mm ²	Wire connection cross section, finely stranded, max.	2.5 mm ²
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
ETIM 10.0	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	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Approvals

ROHS	Conform
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Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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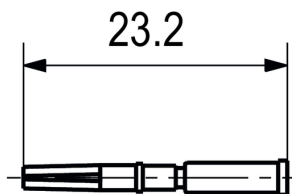
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Drawings

Dimensioned drawing



Socket connector

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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.	9018490000	Pressing tool, Crimping tool for contacts, 0.14mm ² , 4mm ² , W crimp
GTIN (EAN)	4008190884598	
Qty.	1 pc(s).	