Data sheet

SAI-M12L-KBC-0.5

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.	2530990000
Type	SAI-M12L-KBC-0.5
GTIN (EAN)	4050118541106
Qty.	50 items

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Technical data

Approvals

ROHS	Conform

Dimensions and weights

Length	23.2 mm	Length (inches)	0.9134 inch
Net weight	0.72 g		

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

Technical data customisable plug-in connectors

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

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 mm²	Wire connection cross-section, finely stranded, max.	0.5 mm²
Wire cross-section, solid, min.	0.5 mm²	Wire cross-section, solid, max.	0.5 mm²
Plugging cycles	500		

Standards

Connector standard	IEC 61076-2-111

Classifications

ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

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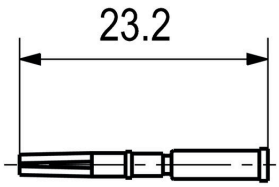
Drawings

Dimensioned drawing



Socket connector

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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, 0.14mm², 4mm², W crimp
GTIN (EAN)	4008190884598	
Qty.	1 ST	