

SAIS-M-5S-IDC-M12-L-COD**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	Field attachable connector, M12 plug
Order No.	2530750000
Type	SAIS-M-5S-IDC-M12-L-COD
GTIN (EAN)	4050118540574
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	50 g
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Technical data customisable plug-in connectors

Cable diameter, max.	13.5 mm	Cable diameter, min.	5.8 mm
Coding	L-coded	Conductor cross-section, max.	1.5 mm ²
Conductor cross-section, min.	0.75 mm ²	Contact material	Cu
Contact surface	Au (Gold)	Housing main material	Zinc diecast
Number of poles	5	Plugging cycles	500
Pollution severity	3	Protection degree	IP67, when screwed in
Rated current	12 A	Rated current	12 A
Rated voltage	63 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Threaded ring material	Diecast zinc
Type of connection	Insulation displacement connection (IDC)		

General Info

Number of poles	5	Connection 1	M12
Connection 2	IDC	Housing main material	Zinc diecast
Connection thread	M12 plug	Contact material	Cu
Contact surface	Au (Gold)	Protection degree	IP67, when screwed in
Plugging cycles	500		

Standards

Connector standard	IEC 61076-2-111
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Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ETIM 9.0	EC002635
ECLASS 9.0	27-44-01-02	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-02	ECLASS 11.0	27-44-01-02
ECLASS 12.0	27-44-01-16	ECLASS 13.0	27-44-01-02
ECLASS 14.0	27-44-01-16		

Environmental Product Compliance

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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Technical data

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

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Drawings**Dimensioned drawing**