

**SAI-6-M-MVV-M12 S-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 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	Power distributor, M12, Hood version, Yes
Order No.	<a href="#">2085620000</a>
Type	SAI-6-M-MVV-M12 S-COD
GTIN (EAN)	4050118419771
Qty.	1 pc(s).

Creation date March 26, 2021 10:22:17 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

**SAI-6-M-MVV-M12 S-COD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Net weight 100 g

**Temperatures**

Operating temperature -20 - 80°C

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Connection data**

Conductor O.D., min.	6 mm	Conductor O.D., max.	12 mm
Sheathing stripping length	40 mm	Cable glands	M 20
Clamping range, min.	0.2 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
Storage space	Standard	Distributor outlet	Hood version
Connection type PE	Screw connection		

**Electrical data**

Rated voltage, max.	400 V	Max. current-carrying capacity per slot	27.6 A
Total current	27.6 A	Current per signal	10 A
Electrical isolation available	No		

**General technical data**

Plug-in station coding	S	Protection degree	IP68
Number of poles	4	Number of contact sockets	6
Connection thread	M12	Pollution severity	3
Fire behaviour	V-0	Plugging cycles	≥ 50
LED	Yes	LED colour for indicating operation	yellow

**Material data**

Housing main material	Pocan	Material of distributor	Plastic
Housing colour	grey, RAL 7032	Hood sealing material	Viton
Screw socket	Nickel-plated CuZn	Contact material	CuZn
Contact surface	Gold-plated	Contact carrier material	PBT (UL 94 V0)

**Technical data cable**

Conductor O.D., max.	12 mm	Conductor O.D., min.	6 mm
Number of poles	4	Suitable for cable carriers	No

**Classifications**

ETIM 6.0	EC002585	ETIM 7.0	EC003558
ECLASS 9.0	27-44-01-08	ECLASS 9.1	27-44-01-08
ECLASS 10.0	27-44-01-11	ECLASS 11.0	27-44-01-11

**Data sheet**

**SAI-6-M-MVV-M12 S-COD**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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

**Technical data**

**Approvals**

Approvals



ROHS

Conform

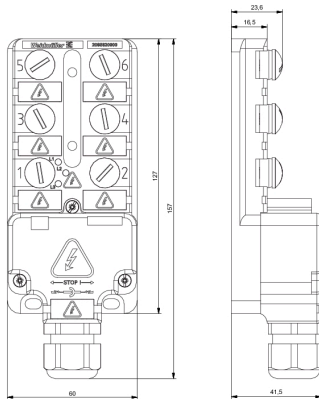
**SAI-6-M-MVV-M12 S-COD**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Drawings**

**Dimensioned drawing**



**Wiring diagram**

