



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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#### General ordering data

Order No.	1766790000
Part designation	SAI-6-M 4P IDC
Version	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
EAN	4032248107322
Qty.	1 pc(s).

#### Dimensions

Length	127 mm
Height	41.5 mm
Width	60 mm

#### Technical data

Ambient temperature, max.	90 °C
Ambient temperature, min.	-20 °C
Behaviour in fire	V-0
Bus system	without
Clamping range, max.	1.5 mm <sup>2</sup>
Clamping range, min.	0.08 mm <sup>2</sup>
Connection type PE	Screw connection
Contact carrier material	PBT UL 94 V0
Contact surface	tinned
Contact tube O-ring material	Viton
Contact tube diameter	M12
Core O.D., max.	1.6 mm
Core O.D., min.	1.2 mm
Current per signal	2 A
Electrical isolation available	Yes
Hood sealing material	Viton
Housing colour	grey, RAL 7032
Housing material	Pocan
Insulation resistance	1 MΩ
LED colour for I/O function	yellow
LED colour for indicating operation	green

**Technical data**

LED initiator	Yes
Number of contact sockets	6
Ordering data, title	SAI-4/6/8-M IDC
Pollution severity	2
Protection class	IP 67
Rated voltage	32 V DC
Test voltage	1 kVeff
Threaded sockets	CuZn, nickel-plated
Total current	10 A
Wiring diagram	
max. connection of equal cross-section	10
max. current-carrying capacity per slot	3 A
max. voltage	30 V DC
min. voltage	10 V
No. of poles	4
Version	complete module

**Approvals**

Approvals institutes

**Classifications**

ETIM 2.0	NK
ETIM 3.0	EC001856
eClass 4.1	NK
eClass 5.0	NK
eClass 5.1	NK

**Similar products**

Order No.	Part designation	Version
1766780000	SAI-4-M 4P IDC	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766781000	SAI-4-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766791000	SAI-6-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766800000	SAI-8-M 4P IDC	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1804540000	SAI-8-M 4P IDC PE	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes
1766801000	SAI-8-M 4P IDC UT	Sensor-actuator passive distributor IDC, M12, Hood version, LED: Yes