



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!



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General ordering data

Order No.	8516980180
Part designation	SAI HS DP 8DI
Version	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
EAN	4032248157693
Qty.	1 pc(s).

Technical data of bus system

Baud rate	automatic
Bus user	Slave
Diagnosis indication	red
Fieldbus interface	RS 485
Station addresses	Rotary switch 1-99
Transmission rate	Max. 12 Mbps

Dimensions

Height	65 mm
Width	60 mm

Technical data

Behaviour in fire	V-0
Bus line connection via <input type="checkbox"/>	M 12 plug
Bus system	Profibus
Connection type PE	Plug-in connection
Digital inputs	8
Electrical isolation available	Yes
Housing material	Pocan
Number of contact sockets	3
Operating temperature, max.	55 °C
Operating temperature, min.	0 °C
Ordering data, title	SAI-HS DP
Pollution severity	3
Power line connection via <input type="checkbox"/>	M 23 plug
Protection class	IP 67 (IP 68)

Technical data

Rated voltage	24 V DC (20.4...28.8 V)
Storage temperature, max.	70 °C
Storage temperature, min.	-25 °C
Total current	2 x 8 A
Transmission rate	Max. 12 Mbps
Version	round pin

Technical data, snap-on modules

(Indication via) UL	LED green (UL)
Conductor cross-section, max.	2.5 mm ² / AWG 12
Diameter of bus line, max.	9 mm
Diameter of bus line, min.	5.5 mm
Diameter of supply line, max.	12 mm
Diameter of supply line, min.	6 mm
Digital input type	TYPE 1 to EN 61131-2
E/A function indicator	LED red/green (Uq)
Input current at "0" min.	< 1.5 mA
Input current at "1"	> 2 mA
Insulation material of housing	PBT
Output level	Short-circuit-protected
Sensor voltage indicator	LED red/green (Ui)
Switching thresholds	9 V
max. current-carrying capacity per output signal	2 A (derating)

Approvals

Approvals institutes



Classifications

ETIM 2.0	EC001430
ETIM 3.0	EC001599
eClass 4.1	27-25-04-03
eClass 5.0	27-25-04-03
eClass 5.1	27-25-04-03

Similar products

Order No.	Part designation	Version
8516980181	SAI HS DP 16DI	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
1889760000	SAI HS DP 8DI/8DO VA	Sensor-actuator active distributor, Profibus, Complete module
8516980182	SAI HS DP 8DO	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood
8516980211	SAI HS DP 8DI/8DO	Sensor-actuator active distributor, Profibus, Complete module with plug-on hood