

Distributed I/O device - ASI IO SL DIO 8/4/4 - 2741118

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AS-i digital input/output module, 4 digital inputs, 24 V DC, 2, 3-wire connection method, 4 digital outputs, 24 V DC, 0.5 A, 2-wire connection method, IP67 protection

Product Description

The digital AS-Interface S-Line input/output modules with IP67 housing protection make it possible to connect digital sensors and actuators to the AS-i using M8 connectors.

The modules are connected to AS-i with an M12 connector. With the aid of the separate 27 41 19 2 ASI CC CAB SL FCAB PWR adapter cable an S-Line module can be connected to the AS-i flat-ribbon cable.

AS-i IO code 7

AS-i ID code 0

Digital inputs: 4

Digital outputs: 4

Operating current from AS-i: 50 mA

Sensor current up to 200 mA total

Actuator current up to 0.5 A per output

Actuator current up to 2 A total



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	171.5 g
Custom tariff number	85389091
Country of origin	Singapore

Technical data

Dimensions

Width	26 mm
Height	26 mm
Length	139 mm

Ambient conditions

Degree of protection	IP67
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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Interfaces

Interface	AS-Interface
Connection method	M12 connector
Interface	Actuator power supply
Connection method	M12 connector

Current consumption

Typical current consumption	≤ 50 mA (from AS-I)
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AS-Interface

Slave type	Single slave
AS-i specification	2.0
IO code	7
ID1 code	-
ID2 code	-
ID code (hex)	0

Local diagnostics

Monitored function	Switching status inputs /outputs
Optical representation	Yellow LED
Monitored function	Bus voltage
Optical representation	Green LED
Monitored function	Communications error/addressing error
Optical representation	LED red
Monitored function	Power supply voltage outputs
Optical representation	Green LED

Inputs

Input name	Digital inputs
Connection method	M8 connector
	2, 3-wire
Number of inputs	4
Sensor supply voltage	24 V DC
Switching threshold "1" signal, current	> 4 mA
Switching threshold "0" signal current	< 1.5 mA
Total sensor current	≤ 200 mA

Outputs

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Technical data

Outputs

Output name	Digital outputs
Connection method	M8 connector
	2-wire
Number of outputs	4
Max. current carrying capacity per output	0.5 A
Max. current carrying capacity per module	3 A
Actuator power supply	24 V DC ± 20 % (M12 connector)

General

Weight	150 g
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Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Drawings

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Connection diagram

