



Product characteristics

Active AS-i module

AS-i version 2.1 with extended addressing mode

Electrical data

Electrical design

3 inputs / 3 outputs

Operating voltage [V]

26.5...31.6 DC

Current consumption [mA]

< 200

Max. current load per module [mA]

180

Inputs

Digital

Sensor supply

AS-i

Voltage range [V]

20...30 DC

Short-circuit proof

yes

Outputs

External voltage supply

AS-i

Max. current load per output [mA]

180 \*)

Integrated watchdog

yes

Short-circuit proof

yes

Environment

Ambient temperature [°C]

-25...70

Protection

IP 00

Tests / approvals

EMC

EN 50295

AS-i classification

AS-i profile

S-7.A.E

I/O configuration [hex]

7

ID code [Hex]

A.E

Data bits

Data bit	D0	D1	D2	D3
Function	Input I1 - Output O1	Input I2 - Output O2	Input I3 - Output O3	

Mechanical data

Weight [kg]

0.032

Displays / operating elements

Display

LED green (operate); red (error)

Electrical connection

Connection

screw terminals

Wiring

O1: Output 1

O2: Output 2

O3: Output 3

I-: Sensor supply 0 V

I+: Sensor supply +24 V

I1: Input 1

I2: Input 2

I3: Input 3

**AC2731 - Active AS-i module - eclass: 27259090 / 27-25-90-90**

A-: AS-i -

A+: AS-i +

Remarks

Remarks

The AS-i 3I/3O module (AS-i version 2.1) is a PCB solution for an AS-i slave, supply via AS-i.

A watchdog function switches the outputs off if there is no communication on the AS-i cable.

\*) Observe the total max. current load for all inputs and outputs.

Pack quantity [piece]

1