

- 1: LED  
2: Addressing socket



Product characteristics

Active AS-i module

Mounting on DIN rail

Combicon connection

String mounting possible

Addressing socket

Version 2.1

Electrical data

Electrical design

4 inputs / 4 outputs / relay

Operating voltage [V]

26.5...31.6 DC (AS-i)

Total current consumption from AS-i [mA]

< 250

Max. current load per module [mA]

6000 \*\*\*)

Inputs

digital

Circuit

PNP

Sensor supply

AS-i

Voltage range [V]

16...30 DC

Max. current load for all inputs total [mA]

200

Input current High/Low [mA]

6...10 / 0...2

Switching level High signal 1 [V]

> 11

Short-circuit proof

yes

Outputs

digital

Output function

Relay

Voltage range [V]

10...240 AC / 24 DC \*)

External voltage supply

yes

Max. current load per output [mA]

6000 \*\*\*)

Electrically separated

ja \*\*)

Integrated watchdog

yes

Short-circuit proof

no

Environment

Ambient temperature [°C]

-25...60, cRUus: surrounding air temperature -25...60 °C

Protection

IP 20

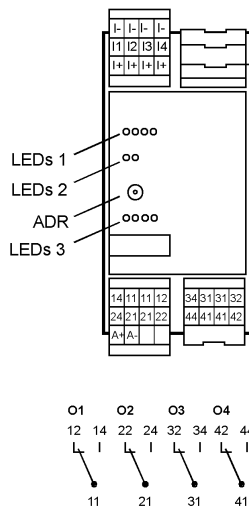
# AC2258 - Active AS-i module - eclass: 27259090 / 27-25-90-90

## Tests / approvals

EMC	EN 50295 EN 50178										
MTTF [Years]	305										
AS-i classification											
AS-i version	2.1										
Extended addressing mode possible	no										
AS-i profile	S-7.0.E										
I/O configuration [hex]	7										
ID code [Hex]	0.E										
AS-i certificate	in preparation										
Data bits	<table border="1"> <thead> <tr> <th>Data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>Function</td> <td>input I1 - output O1</td> <td>input I2 - output O2</td> <td>input I3 - output O3</td> <td>input I4 - output O4</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Function	input I1 - output O1	input I2 - output O2	input I3 - output O3	input I4 - output O4
Data bit	D0	D1	D2	D3							
Function	input I1 - output O1	input I2 - output O2	input I3 - output O3	input I4 - output O4							
Mechanical data											
Housing materials	PA 6.6										
Weight [kg]	0.272										
Displays / operating elements											
Output status indication LED	yellow										
Power LED	green										
Error LED	red										
Electrical connection											
Connection	Combicon										

## Wiring

- A+: AS-i +
- A-: AS-i -
- I+: Sensor supply +24V
- I-: Sensor supply 0V
- I1...I4: Switching input Sensor 1...4



## Accessories

Accessories (optional)	Combicon connector
Remarks	<p>*) All outputs (relays) must be supplied with the same voltage (e.g. 2x 240 V AC, same phase conductor or 2x 24 V DC)</p> <p>**) Reinforced insulation to EN 50178, overvoltage category II, degree of soiling 2 to 240 V AC nominal voltage</p> <p>***) Resistive</p>
Pack quantity [piece]	1