

1: Addressing socket  
2: Combicon plug with screw terminals (optional)



Product characteristics

Active AS-i module	
Mounting on DIN rail	
Combicon connection	
String mounting possible	
Addressing socket	
Version 2.1 with extended addressing mode	

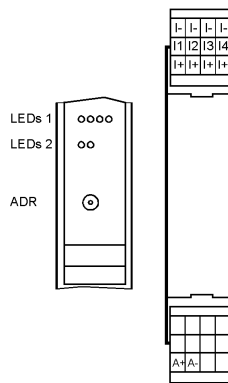
Digital inputs	
Electrical data	
Electrical design	4 inputs
Operating voltage [V]	26.5...31.6 DC
Total current consumption from AS-i [mA]	< 250
Inputs digital	
Circuit	PNP
Sensor supply	AS-i
Voltage range [V]	16...30 DC
Max. current load for all inputs total [mA]	200
Input current High/Low [mA]	6...10 / 0...2
Switching level High signal 1 [V]	> 11
Short-circuit proof	yes
Environment	
Ambient temperature [°C]	-25...70, cRUUs: surrounding air temperature -25...60 °C
Protection	IP 20
Tests / approvals	
EMC	EN 50295
MTTF [Years]	391
AS-i classification	
AS-i version	2.1
Extended addressing mode possible	yes
AS-i profile	S-0.A.E
I/O configuration [hex]	0
ID code [Hex]	A.E

**AC2250 - Active AS-i module - eclass: 27259090 / 27-25-90-90**

AS-i certificate	35401				
Data bits	<b>Data bit</b>	<b>D0</b>	<b>D1</b>	<b>D2</b>	<b>D3</b>
	Function	Input I1	Input I2	Input I3	Input I4
Mechanical data					
Housing materials	PA				
Weight [kg]	0.13				
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	
Remarks	Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable. If a slave with the ID code "A" (extended addressing mode possible) is used with a master of the first generation (version 2.0), the parameter P3 must be 1 and the output bit D3 = 0. The output bit D3 must not be used.
Pack quantity [piece]	1