

1: label



Product characteristics

Active AS-i module IP 65

AS-i interface to FC-E lower parts

Connection via cage clamps

2 analog outputs 0...20 mA

AS-i profile S-7.3

For the connection of 2-wire actuators or 4-wire actuators with separate 24 V supply

Electrical data

Electrical design

2 outputs 0...20 mA

Operating voltage [V]

26.5...31.6 DC

Current consumption from AS-i (without external supply) [mA]

33

Current consumption from AS-i (with external supply) [mA]

29

Current consumption from external supply 24 V DC [mA]

4

Current rating per module (without external supply) [mA]

90

Current rating per module (with external supply) [mA]

500

Overload protection

yes

Outputs

analog

current output [mA]

0...20

Max. load [Ω]

600

voltage output [V]

24 DC \pm 20 %

Actuator supply

AS-i / external

Resolution [Bit]

16bit / 1 μ A

Accuracy / deviations

value range

0...20000 dec.; accuracy 0.5 % of the final value of the measuring range

Reaction times

A/D conversion

2 channels: < 1 ms

Environment

Ambient temperature [$^{\circ}$ C]

0...70

Storage temperature [$^{\circ}$ C]

-25...85

Protection

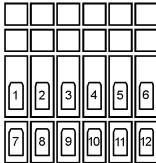
IP 65

Tests / approvals

EMC

EN 50295

AC2618 - Active AS-i module IP 65 - eclass: 27259090 / 27-25-90-90

MTTF	[Years]	145
AS-i classification		
AS-i profile		S-7.3.5
I/O configuration [hex]		7
ID code [Hex]		3.5
AS-i certificate		in preparation
Parameter bits	Parameter bit	Designation
	P0	not used / 1 reserved 0 reserved
	P1	not used / 1 reserved 0 reserved
	P2	periphery fault / 1 periphery fault indication active / periphery fault indication not active
	P3	not used / 1 reserved 0 reserved
Mechanical data		
Housing materials		PBT
Weight	[kg]	0.288
Displays / operating elements		
Output status indication	LED	green (status channel 1 - analog 1 / status channel 2 - analog 2)
Power	LED	green (AS-i: AS-i voltage)
Error	LED	red (FAULT: AS-i communication error / periphery fault)
Function display	LED	green (power: supply A/D converter)
Electrical connection		
Connection		via contact pins to FC, FC-E or SC lower part
Wiring		
1:	O+ Actuator supply 2 +24V	
2:	C2 analog output mA	
3:	O- Actuator supply 2 0V	
4:	COM 2 analog output 2 0V	
5:	Shield	
6:	Shield	
7:	O+ Actuator supply 1 +24V	
8:	C1 analog output mA	
9:	O- Actuator supply 1 0V	
10:	COM 1 analog output 1 0V	
11:	FE functional earth	
12:	FE functional earth	
		
Remarks		
Pack quantity	[piece]	1