

- 1: Addressing socket
2: Combicon connector with screw terminals, e.g. E70230 (optional)



Product characteristics

Active AS-i module
Mounting on DIN rail
Combicon connector for actuator connection
AS-i profile S-7.3
4 analog outputs 0...10 V
For the connection of 2-wire actuators or 4-wire actuators with separate 24 V supply

Electrical data

Electrical design	4 outputs 0...10 V
Operating voltage [V]	26.5...31.6 DC; cULus - Class 2 source required
Current consumption from AS-i (without external supply) [mA]	57
Current consumption from AS-i (with external supply) [mA]	25
Current consumption from external supply 24 V DC [mA]	12
Current rating per module (without external supply) [mA]	
Current rating per module (with external supply) [mA]	500
AS-i interface reverse polarity protection	yes
Internal resistance	50 Ω
Overload protection	yes

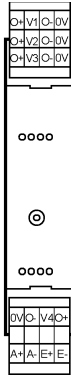
Outputs

analog	
Analog output	0...10 V
Max. load [Ω]	600
voltage output [V]	24 DC ± 20 %
Min. load [Ω]	> 1000
External voltage supply	according to PELV
Actuator supply	AS-i / external
Resolution [Bit]	16 (1 bit = 1 μV)

Accuracy / deviations
value range

0...10000 dec.; accuracy 0.5 % of the final value of the measuring range

AC2219 - Active AS-i module - eclass: 27259090 / 27-25-90-90

Reaction times		
D/A-conversion time 4 channels [ms]		< 1
Environment		
Ambient temperature [°C]		0...70
Storage temperature [°C]		-20...85
Protection		IP 20
Tests / approvals		
EMC		EN 50295
MTTF [Years]		140
AS-i classification		
AS-i profile		S-7.3.6
I/O configuration [hex]		7
ID code [Hex]		3.6
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 / 0 periphery fault indication not active
	P3	not used / 1 reserved 0 reserved
Mechanical data		
Housing materials		PA 6.6
Weight [kg]		0.167
Displays / operating elements		
Power LED		green (indication AS-i voltage / indication ext. 24 V AUX)
Error LED		red (FAULT: AS-i communication error / periphery fault)
Function display LED		yellow (indication channels 1...4 / indication diagnosis DIAG)
Electrical connection		
Connection		Combicon
Wiring		
O+:	Actuator supply +24V	
V1...4:	analog output Voltage	
O-:	Actuator supply 0V	
0V:	analog output 0V	
A+:	AS-i +	
A-:	AS-i -	
E+:	External actuator supply +24V	
E-:	External actuator supply 0V	
		
Accessories		
Accessories (optional)		Combicon connector
Remarks		
Pack quantity [piece]		1