



EMS module 4DI 4DO

AS-Interface bus system



Product characteristics

Active AS-i module

AS-i valve top interface module

Outputs supplied from AS-i

Electrical data

Electrical design	4 inputs / 4 outputs
Operating voltage [V]	26.5...31.6 DC
Current consumption [mA]	< 300
Max. current load per module [mA]	200
Reverse polarity/overload protection	yes

Inputs

digital

Sensor supply	AS-i
Max. current load for all inputs total [mA]	15

Outputs

External voltage supply	AS-i
Max. current load per output [mA]	200 *)

Reaction times

Power-on delay time [s]	1
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Environment

Ambient temperature [°C]	-20...60
Protection	IP 00

Tests / approvals

MTTF [Years]	43
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AS-i classification

AS-i profile	S-7.F
I/O configuration [hex]	7
ID code [Hex]	F

Mechanical data

Weight [kg]	0.112
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Displays / operating elements

Display	green (indication AS-i voltage) LED red: overload
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Electrical connection

Connection	screw terminals
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Remarks

Remarks	Unit is designed to be bolted inside of a valve control top
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E70217 - Active AS-i module - eclass: 27259090 / 27-25-90-90

The AS-i 4I / 4O 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]
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1
