



1: label



Product characteristics

Universal module

AS-i interface to FC-E or SC lower parts

Connection via cage clamps

Digital inputs and outputs

Electrical data

Electrical design

4 inputs / 4 outputs

Operating voltage [V]

26.5...31.6 DC

Total current consumption from AS-i [mA]

< 230

Max. current load per module [mA]

4000

Inputs

digital

Circuit

PNP

Sensor supply

AS-i

Voltage range [V]

20...30 DC

Max. current load for all inputs total [mA]

200

Input current High/Low [mA]

> 5 / < 3

Switching level High signal 1 [V]

> 10

Short-circuit proof

yes

Outputs

digital

Output function

transistor PNP

Voltage range [V]

24 DC \pm 15%

External voltage supply

according to PELV

Max. current load per output [mA]

1000 **)

Electrically separated

yes

Integrated watchdog

yes

Short-circuit proof

yes

Environment

Ambient temperature [°C]

-25...60

Protection

IP 65

Tests / approvals

EMC

EN 50295

AS-i classification

AS-i profile

S-7.F.F

AC2035 - Universal module - eclass: 27259090 / 27-25-90-90

I/O configuration [hex]	7										
ID code [Hex]	F.F										
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>bidirectional</td> <td>I-1 / O-1</td> <td>I-2 / O-2</td> <td>I-3 / O-3</td> <td>I-4 / O-4</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	bidirectional	I-1 / O-1	I-2 / O-2	I-3 / O-3	I-4 / O-4
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P0	watchdog activated*/deactivated for all outputs										
P1	not used										
P2	not used										
P3	not used										
Mechanical data											
Housing materials	PA6 GF30; stainless steel (303S22)										
Weight [kg]	0.309										
Displays / operating elements											
Power LED	green										
Function display LED	yellow										
Electrical connection											
Connection	contact pins on FC-E or SC lower module										
Remarks											
Remarks	<p>*) default **) DC12 / DC13 Inputs and outputs must be electrically isolated.</p>										
Pack quantity [piece]	1										