

Product characteristics

Active AS-i module

for Moeller housing RMQ-Titan: I3M, I4M, I6M

PCB size 105 x 45 x 17 mm

Wire length 0.2 m

Digital inputs and outputs

Electrical data

Electrical design

4 inputs / 4 outputs

Operating voltage [V]

26.5...31.6 DC

Current consumption [mA]

< 250

Max. current load per module [mA]

200

Inputs

Digital

Circuit

PNP

Sensor supply

AS-i

Voltage range [V]

15...29 DC

Input current High/Low [mA]

> 3 / < 1.5

Switching level High signal 1 [V]

> 10

Short-circuit proof

yes

Outputs

Digital

Output function

transistor PNP

Max. current load per output [mA]

50

Electrically separated

yes

Short-circuit proof

yes

Environment

Ambient temperature [°C]

-25...60

Protection

IP 20

Tests / approvals

EMC

EN 50295

MTTF [Years]

322

AS-i classification

Extended addressing mode possible

version 2.1 / no

AS-i profile

S-7.0.F

I/O configuration [hex]

7

ID code [Hex]

0.F

AS-i certificate

in preparation

Mechanical data

Weight [kg]

0.114

Displays / operating elements

Operation LED

green

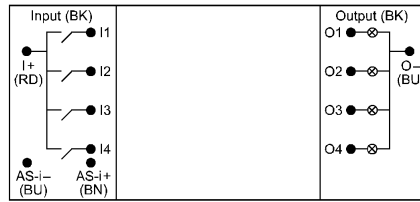
Electrical connection

**Wiring**

**AC2709 - Active AS-i module - eclass: 27259090 / 27-25-90-90**

Core colours

- BN brown
- BU blue
- BK black
- RD red



Remarks

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The PCB can also be integrated into a RMQ22 housing.  
 Do not connect any of the points O-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable.  
 Install the unit so that exposed parts cannot be touched.

Pack quantity [piece]

1