



Product characteristics

AS-i safety PCB

Connection of mechanical contact and LED components

Certification to ISO 13849-1: PL e and IEC 61508 / SIL 3

Complies with the requirements:

IEC 61508: SIL 3

Electrical data

Electrical design

2 safe inputs / 1 unsafe LED output

Operating voltage [V]

26.5...31.6 DC

Current consumption [mA]

< 50

Inputs

Digital

Circuit

DC PNP

Sensor supply

AS-i

Input current [mA]

5

Short-circuit detection

no

Cross-bridging detection

no

Outputs

LED output

non safe

Actuator supply

AS-i

Max. current load per output [mA]

10

Integrated watchdog

yes

Short-circuit proof

no

Environment

Protection

-; depending on the housing

Tests / approvals

EN 50295

EMC

Safety classification

Mission time TM [h]

87600

PFH

1.8 x 10E-10 / h

AS-i classification

AS-i version

2.1

Extended addressing mode possible

no

AS-i profile

S-7.B.E

I/O configuration [hex]

7

ID code [Hex]

B.E

Max. number of safety modules per master

31

AS-i certificate

74601

**AC015S - AS-i safety PCB - eclass: 27279215 / 27-27-92-15**

Mechanical data

Weight	[kg]	0.1
Displays / operating elements		
Operation	LED	green
Error	LED	Red
Function display	LED	yellow
Remarks		
Pack quantity	[piece]	1