ifm electronic

CE
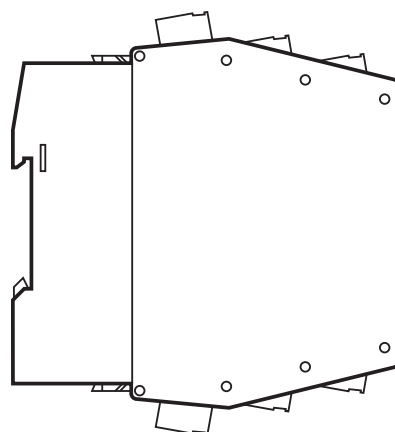
Installation instructions
AS-i module

AS-interface

UK

AC2267
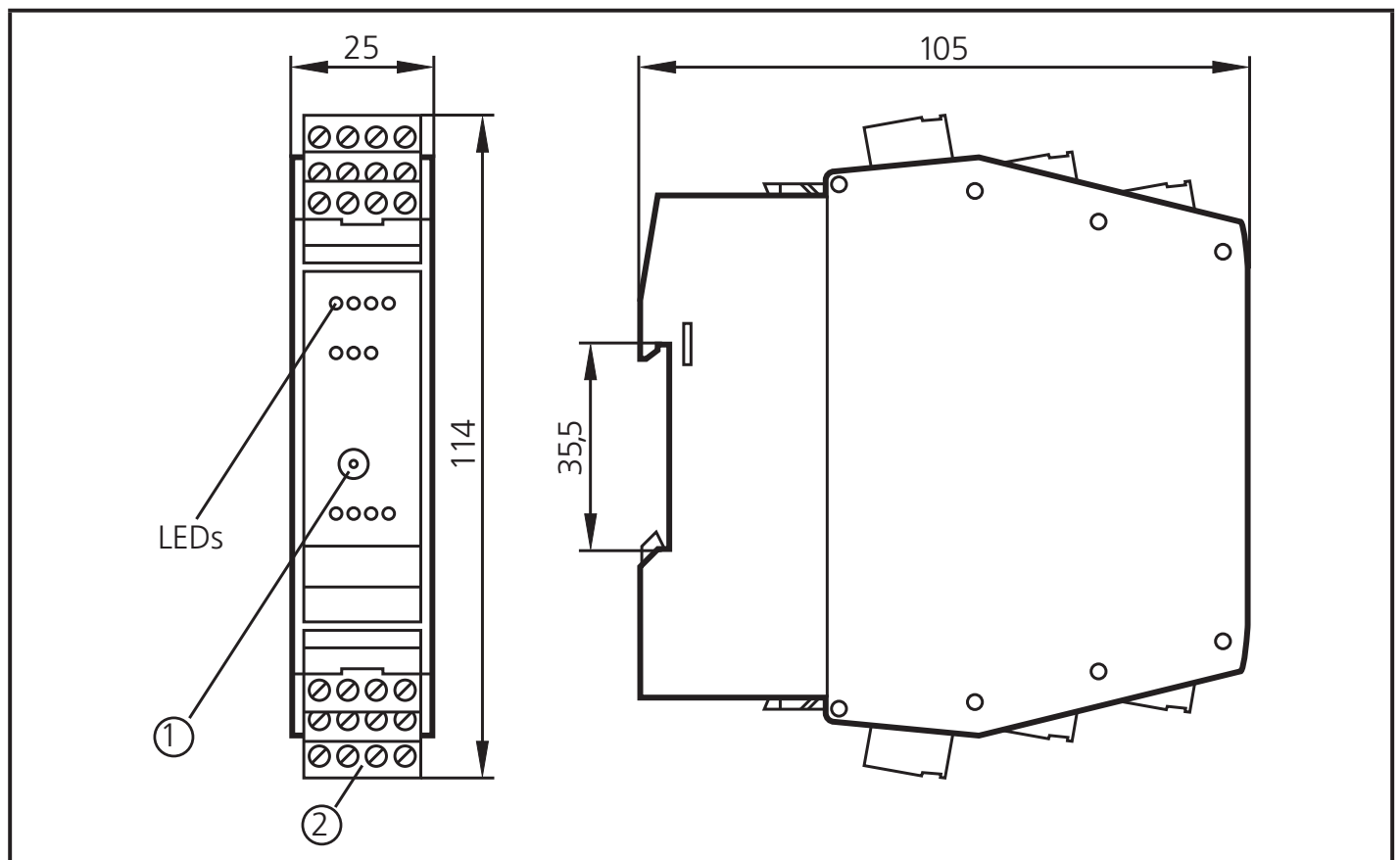
Function and features

- AS-i profile S-7.A.7
- maximum number of modules per master: 62
- AS-Interface version 3.0
- external PELV voltage supply for inputs
- the slave AC2267 can only be operated in conjunction with a version 3.0 master (master profile M4)

Operating and display elements

1: addressing socket
2: Combicon plug with screw terminals (optional)

Mounting

Mount the module onto a 35 mm rail or fasten it onto a mounting device.

Technical data

You can download the data sheet from the Internet if required (www.ifm.com).

Addressing

At the factory the address is set to 0.

Addressing with the addressing unit AC1154

When mounted and wired the module can be addressed by connecting the addressing cable (E70213) to the implemented addressing socket.

<div style="display:flex">⚠</div> Do not remove the addressing plug while live.

Electrical connection

<div style="display:flex">⚠</div> Disconnect power! Connect the sensors and actuators with the terminals. The sensors must be supplied with external PELV voltage.

The device shall be supplied from an isolating transformer having a secondary Listed fuse rated as noted in the following table.

Overcurrent protection		
Control-circuit wire size		Maximum protective device rating Ampere
AWG	(mm^2)	
26	(0.13)	1
24	(0.20)	2
22	(0.32)	3
20	(0.52)	5
18	(0.82)	7
16	(1.3)	10

Connection	
A+:	AS-i +
A-:	AS-i -
I+:	sensor supply +24 V
I-:	sensor supply 0 V
E+:	external sensor supply for sensors / actuators
E-:	external sensor supply for sensors / actuators
I1 ... I4:	switching inputs sensors 1...4
O1 ...O3:	switching outputs actuators 1...4
O-:	switching output actuator 0 V
LEDs 1:	switching status indication sensor inputs
LEDs 2:	AS-i, FAULT, AUX
LEDs 3:	switching status indication actuator outputs
ADR	addressing socket

Operation

Check the safe functioning of the unit. Display by LEDs:

• LED green (AS-i): voltage supply via the AS-i network o.k.

• LED green (AUX): external voltage supply o.k.

• LED yellow: input/output switched

• LED red is lit (FAULT): AS-i communication error, e. g. slave address 0

• LED red flashing (FAULT): peripheral error, e.g. no auxiliairy voltage