



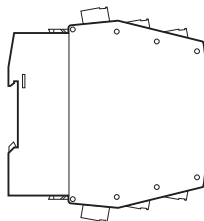
CE

Installation instructions  
AS-i module

UK

**AC2264**

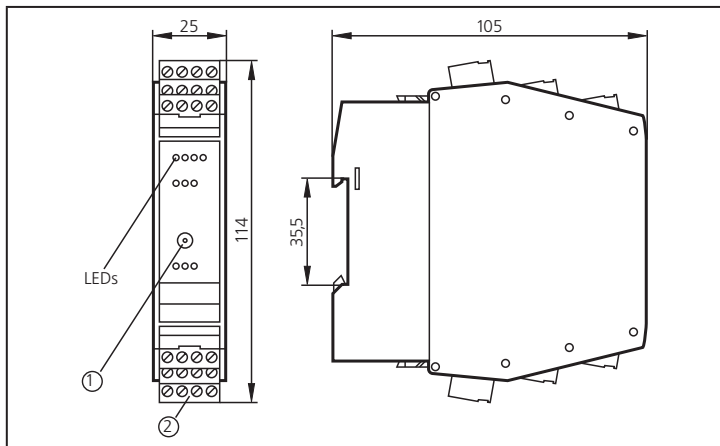
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## Function and features

- AS-i profile: S-7.A.E
- maximum number of modules per master: 31 (62 with AS-i master 2.1)
- AS-interface version 2.1 with extended addressing mode

## 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](http://www.ifm.com)).

## Addressing

Assign a free address between 1 and 31. 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.



Do not remove the addressing plug while live.

If the slave is used with a master of the new generation (version 2.1), an address between 1A and 31B can be selected by means of the addressing unit AC1154.

If a slave with the ID code „A“ (option of extended addressing mode) is connected to a master of the first generation (version 2.0), the parameter P3 must be 1 and the output bit D3 = 0\*. The output bit D3 must not be used.

If a slave with the ID code „A“ (option of extended addressing mode) is connected to a master of the first generation (version 2.0), an address between 1A and 31A must be assigned to this slave.

\* default setting

## Electrical connection



Disconnect power! Connect the sensors and actuators with the terminals. The sensors must be supplied with external PELV voltage.

Connection	
A+:	AS-i +
A-:	AS-i -
I+:	sensor supply +24 V
I-:	sensor supply 0 V
E+:	actuator supply +24 V
E-:	actuator supply 0 V
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

UK

## Operation

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

- LED green: voltage supply via the AS-i network O.K.
- LED yellow: input / output switched
- LED red: AS-i communication error, e. g. slave address 0
- LED red flashing: periphery fault, e.g. no sensor supply / overload or short circuit of the output

