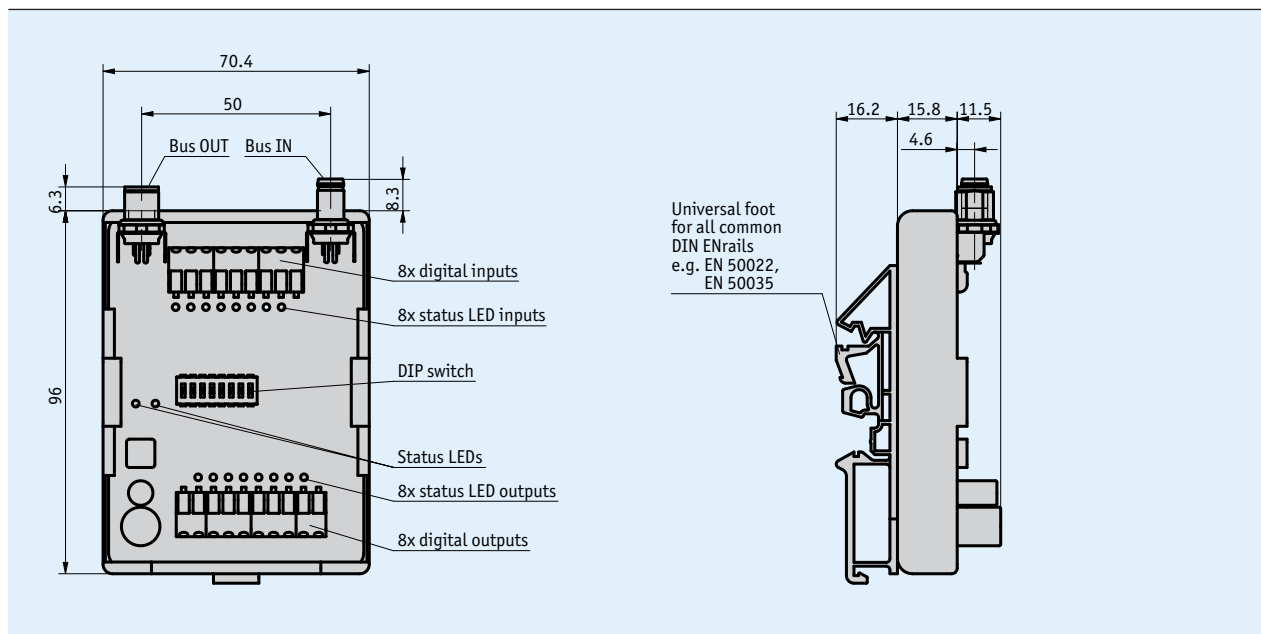
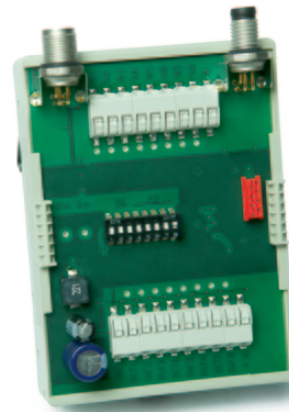


## Profile

- I/O module for evaluating digital sensors and controlling actuators
- Output of system information of ETC5000
- SIKONETZ5 interface
- 8 digital inputs
- 8 digital outputs
- Easy mounting (top-hat rail)



## Mechanical data

Feature	Technical data	Additional information
Housing	plastic	
Housing design	snap module housing	top hat rail mounting
Weight	~0.1 kg	

## Electrical data

Feature	Technical data	Additional information
Operating voltage	24 V DC $\pm 20\%$	via bus plug connector
Current consumption	~20 mA	without load
Digital inputs	8x opto-coupler inputs, PNP	24 V, threshold ~12 V - LED green
digital outputs	8x high side driver, PNP	$\leq 30$ V, $\leq 350$ mA per channel, short-circuit proof, reverse polarity protected the total of all outputs must not exceed 2 A
Interface	RS485	SIKONETZ5
Address	bus addresses 0 ... 31 can be set via DIP switches	factory setting: address 1
Baud rate	can be set via dip switch	factory setting: 57.6 kBd
Type of connection	2x M8 plug connectors (A-coded)	4-pole, 1x socket, 1x pin
	2x spring terminal	9-pole, 10-pole, 0.2 ... 0.75 mm <sup>2</sup>

## Ambient conditions

Feature	Technical data	Additional information
Ambient temperature	0 ... 60 °C	
Storage temperature	-30 ... 85 °C	
Relative humidity		condensation inadmissible
Protection category	IP00	EN 60529

## Pin assignment

### ■ interfaces

RS485	PIN
TxRx-/DÜB	1
TxRx+/DÜA	2
+24 V DC	3
GND	4

## Order

### ■ Ordering information

one or more system components are required:

Easy Touch Control ETC5000

[www.siko-global.com](http://www.siko-global.com)

### ■ Order key

I020 - S3/09 - 8DI - 8DO

*Scope of delivery: I020, Mounting instructions*

#### Accessories:

bus terminating connector BAS-0005  
Cable extension KV04S1

on request  
[www.siko-global.com](http://www.siko-global.com)