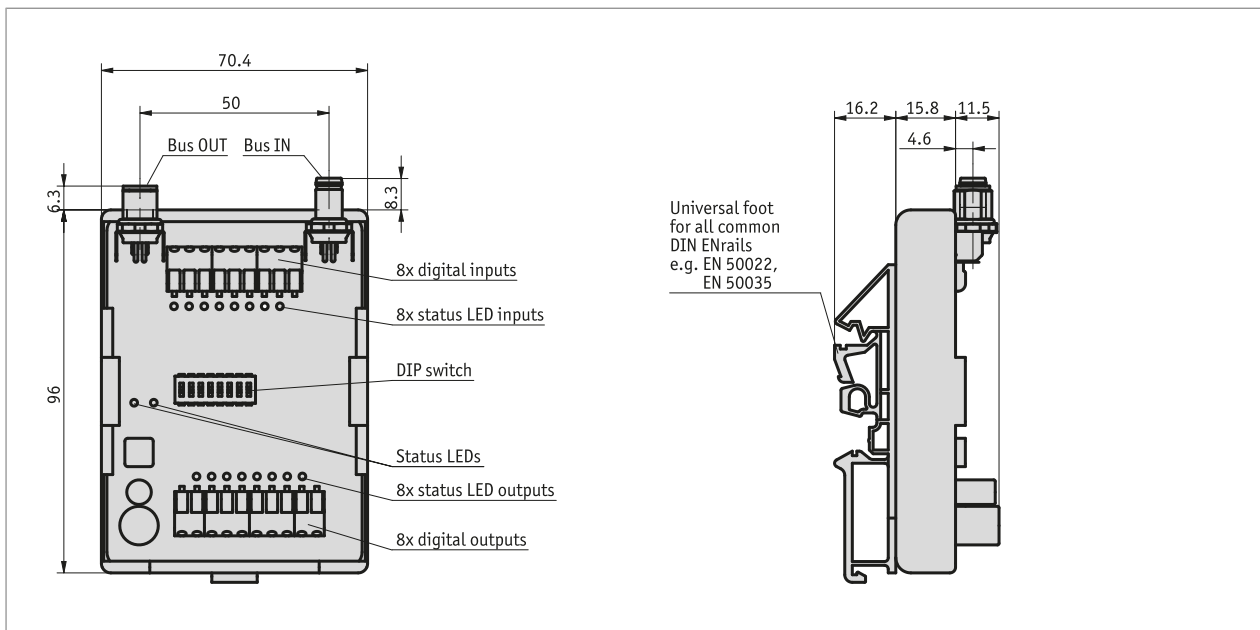
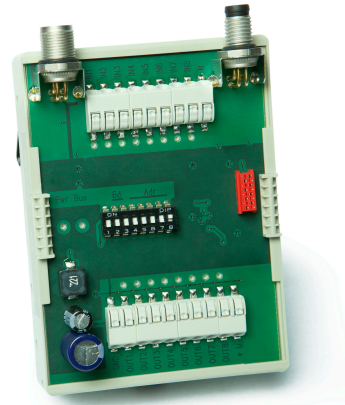


### Profile

- 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-/DUB	1
TxRx+/DUA	2
+24 V DC	3
GND	4

### Order

#### ■ Order key

IO20 - **S3/09** - **8DI** - **8DO**



#### Scope of delivery:

IO20, Installation Instructions



#### Accessories you can find:

Easy touch control ETC5000

Cable extension KV04S1

Bus terminating connector, 4-pole, pin

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

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Order key BAS-0005