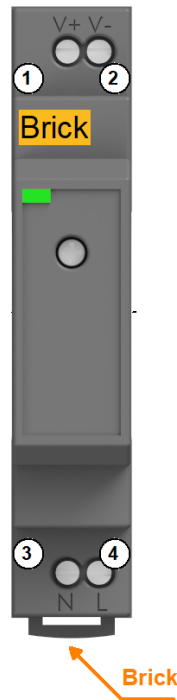


# CAS\_SupRail-HDR15-24



## 1.1 Description

## 1.2 Connectors and Indication-/Operation-Elements



### 1.2.1 Terminal block (TB)

The following illustration the technical details for Terminal blocks are listed. The location of a specific block is documented with the ID (left column) in the previous illustrations.

ID	Model	Model / Series	Grid	Num. of term.	connection	elec. usage
Brick.TB01	Screw Terminal		5mm	4	up to 2.5mm <sup>2</sup>	Supply sourcing 24V DC for externals
Brick.TB02	Screw Terminal		5mm	2	up to 2.5mm <sup>2</sup>	Versorgungseingang 230V AC

### 1.2.2 Terminal assignment

Here the assignment of individual terminals and their affiliation to terminal blocks (Te block), terminal numbers (Te no.) and short description (T.desc.) as well as their electrical function and usage are explained.

The associated mechanical and electrical properties are stated with the specific terminal block in the previous chapter. The position of a terminal is dedicated through the "Te block" and the actual terminal number (Te no.) or the terminal description (T.desc.) in the previous illustration respectively.

In the column "usage" the technical-/ device-functional use is listed.

Te block	Te no.	T. descr.	Function	Usage
Brick.TB01	1	+24V	Supply sourcing 24V DC for externals	-

Brick.TB01	2	GND	Ground	-
Brick.TB02	3	N	Neutral, Supply	-
Brick.TB02	4	L	Phase, Supply	-

### 1.3 Input-/Output Scheme

The following diagram shows the adaption of the control unit. To avoid overlapping, some wires are displayed interrupted and dashed.



## 1.4 Technical Data

### 1.4.1 Power Supply (injected from external)

The control unit requires the following electrical supply from external:

Description	Main Supply form external
Information	
Voltage	100 ... 240Vac
max. Current	0,5Aac
Inactive Current	30mA AC
Frequency	50 ... 60Hz
Remark	external required fuse: max. 10A

### 1.4.2 Pulse Power Supply (provided to external)

The control unit provides the following electrical supply (for example to the sensor / actuator supply):

Description	Supply sourcing 24V DC for externals
Voltage	24V DC
max. Current	0,63A DC
max. Power	15W
Remark	

### 1.4.3 User Notes

- Blinking behavior StateLED:  
 Each Morse code is 3 seconds long!  
 not initialized = flashing continuously at approx. 5Hz  
 no communication = short-long-short  
 too little communication = short-short-short  
 disturbed communication = short-long-long  
 OK = continuous flashing at approx. 1Hz (0.6-1.5Hz)

## 1.5 History

On the following page you will find a list of changes that have been made to the product.

### 1.5.1 History

Date	Entry scope (HW, SWappl, SWapi, Release)	Entry type (enhancement, improvement, bugfix, release)	Version	Status (development, implemented, tested)	Responsible	Reason for the modification	Items of modification	Impact for (end-)customer	Comment	Location in model/source
xxxx-xx-xx		Release	0.99	Tested	NSt					

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