

# Z-RaspberryBrick-01

A large, light gray rectangular area that serves as a placeholder for a photograph of the Z-RaspberryBrick-01 board. Centered within this area is the text "Picture upon request support@embrick.de" in a large, black, sans-serif font.

Picture upon request  
support@embrick.de

## 1.1 Description

ID: 1-701

Order No.: Z-RaspberryBrick-01

Terminal: push-in (for  $\leq 1.5\text{mm}^2$ )

Size: 9 eU (99mm x 72mm)

BBFCP: 1-1-1

It is an adaption board for the Raspberry-Pi (different models) which becomes an important education tool and semi-professional industrial platform for many measure and control applications. By keeping the standard brick sizes, it is possible to use this board in all given mounting types.

The unit is driven by 24Vdc and also serves as power-supply unit that delivers 3.3V and 24V for the slave modules. The LSUH acts as an self-sufficient local-master and does the logical control of the connected slave modules.

## 1.2 Connectors and Indication-/Operation-Elements

no DocCompDescr available

## 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.

no DocCompAdapt available

## 1.4 Technical Data

### 1.4.1 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 the modification	Impact for (end-)customer	Comment	location in model/source
xxxx-xx-xx		Release	0.99	tested	NSt					

For questions please contact:

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