



Product information

Door release relay for location-independent installation

TOER2-EB

Safety instructions

WARNING!

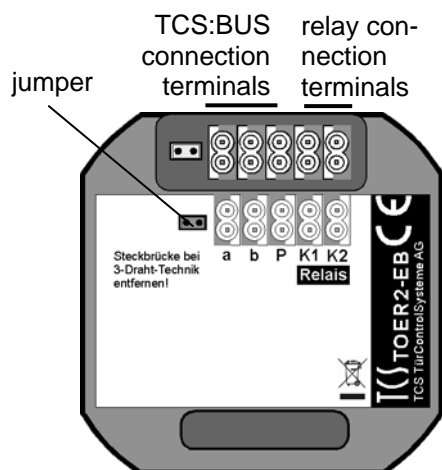
- When working on main power connections of 230 V AC, the general and regional installation and safety regulations must be met. i.e. DIN VDE 0100
- The device is to be installed and commissioned only by qualified electricians!

Important note on commissioning

During the transportation, the relay might have been exposed to severe shocks. As a result, the contact might move into operating position (K1-K2 closed).

! At the beginning of the commissioning connect the TCS:BUS to the relay and to the mains power to move the contact into its rest position.

Device overview



Technical data

supply voltage:	+ 24 V \pm 8 %
housing:	plastics
dimensions (in mm):	52 x 52 x 23
weight	25 g
Acceptable ambient temperature:	-20 °C ... 50 °C
Input current (2-wire):	I(a) = 1.2 mA,
input current (3-wire):	I(a) = 0.4 mA
	I(P) = 0.8 mA
	I(Pmax) = 6.5 mA
Connecting diameter:	0,4 ... 0.8 mm
recommended length for separation:	5 ... 6 mm

Field of application

- The TOER2-EB is a door release relay for specific door release, if several front-door stations and door opener are installed in one system. With the TOER2-EB the door, which called last, is opened.
- Can be used also for the evaluation of specific key functions of the indoor stations.
- Can be used also to control additional bells and chimes.
- With an own TCS:BUS connection for location-independent installation.
- Suitable for the installation in flush-mount sockets.

Short description

potential-free relay contact	<ul style="list-style-type: none"> • closing contact, 24 V DC / 2 A
Activating the device	<ul style="list-style-type: none"> • not programmed: in case of an incoming door call with the serial number of the TOER2-EB • programmed: additionally in case of an incoming door release command to a specific front-door station
Alternative activation through programming	<ul style="list-style-type: none"> • Programming the device can be implemented only via TCSK or configo™. • evaluation of control functions • via parallel serial number (in case of a door call, internal call and pressing the floor push-button)
door release time	<ul style="list-style-type: none"> • can be adjusted with TCSK or configo™ • Factory setting: 2 sec

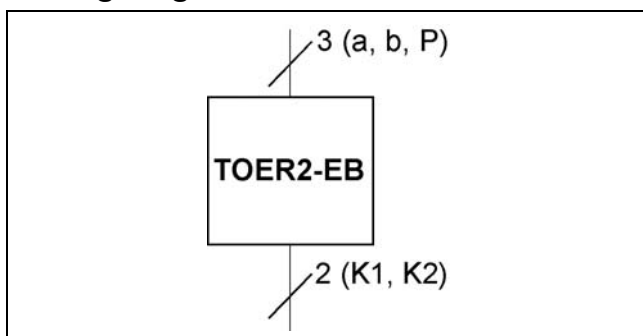
Installation

Notes on the installation

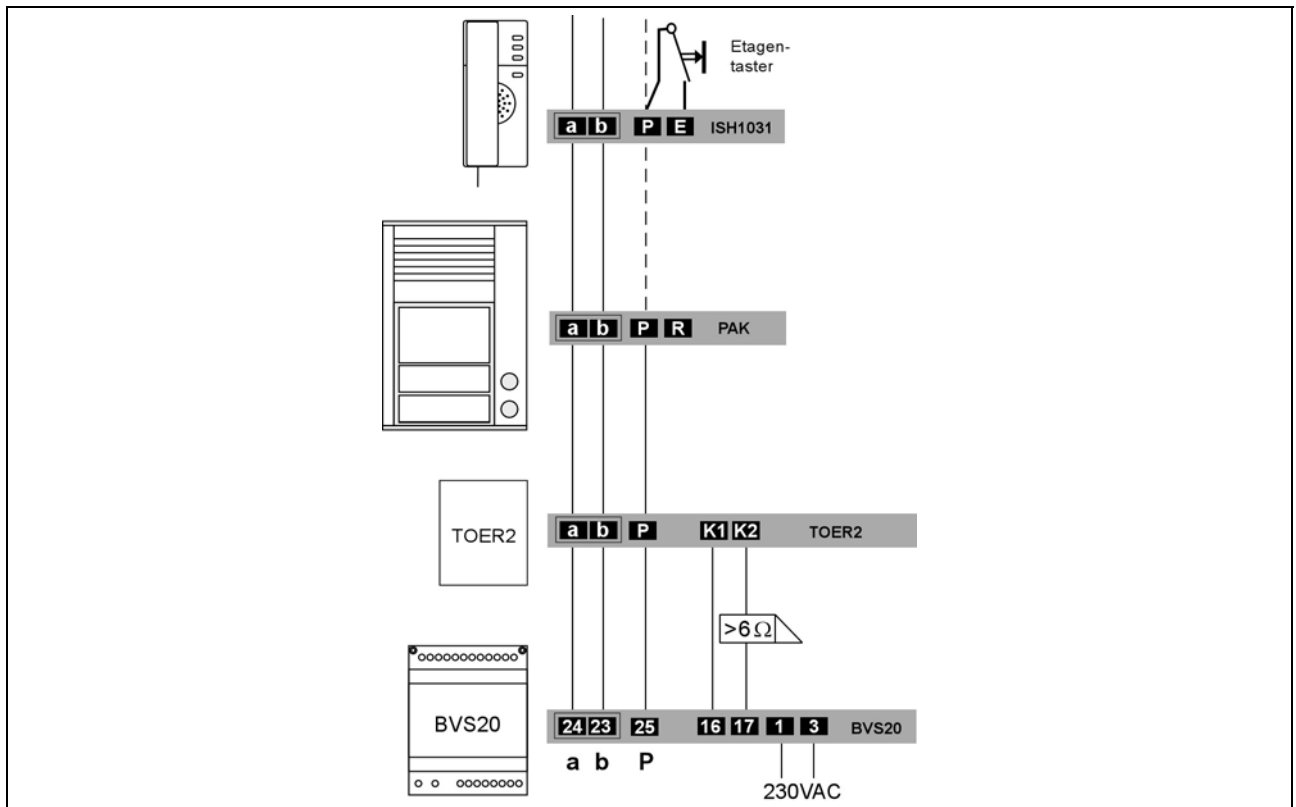


Observe when installing the device outdoors:
Avoid water from entering the device by suitable measures!

Wiring diagram



Example circuit



Initial operation

Operating modes

- 3-wire operation: Systems with more than 10 TOER2-EB
- When using the device in 2-wire operating mode, max. 10 TOER2-EB can be connected.

! Remove jumper!

Programming

The TOER2-EB can be programmed only with the Service Device TCSK by the following commands:

Activation through door call , internal call to the parallel serial number and when pressing the floor push-button at the device with the relevant serial number	(*) (60) (#) Ser.-Nr. (#) ParSNr (#)
Activation through door release protocol (activate as door release relay)	(*) (61) (#) Ser.-Nr. (#) AS (#)
Activation through control functions (control functions 0 ... 11)	(*) (62) (#) Ser.-Nr. (#) TelSNr (#) StF (#)

Setting the relay switch time (between 1 and 255 s; in 1 s steps)

⊛ 69 ⊛ Ser.-Nr. ⊛ Zeit ⊛

Abbreviations:

Ser.-No. = the serial number of the TOER2-EB

ParSNr. = the serial number for the device, to which the relay, that is to be configured new, is to be allocated to.

AS = AS address of the front-door station (value 0 ... 63).

TelSNo. = the serial number of the telephone, which sends the control function (video indoor station at *63)

StF = Number of the control function that is to be sent (0 ... 11)

Conformity

CE Declarations of conformity for download under www.tcsag.de > Downloads > Commercial information.

Information on disposal



The adjoining symbol shows that the device has to be disposed separately from domestic waste. The materials used are recyclable. Please do help protecting our environment and dispose the device via a collection point for electronic scrap.



Dispose the parts of the packaging in collecting tanks for cardboard and paper resp. plastics.

Warranty

We offer a **simplified processing** in case of warranty for electricians.

- Please observe our **standard terms and conditions of sale**, available under www.tcsag.de > Downloads > Commercial information and enclosed in our latest catalogue.
- Please contact the **TCS HOTLINE**.

Service

Please send your questions and inquiries to
hotline@tcsag.de

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