

Combined device with binary input / output (flush-mount)

Fields of application

application		execute switching and signalling functions in TCS:BUS systems output for switching functions input to trigger control functions
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Functionality controlling, switching, storing

input		distinction opening / closing connection of a potential-free switch necessary
switch time of the output	s	0.5 to 128 (adjustable factory setting)
trigger the switch time		bell button at any front-door station floor push button door release button at any indoor station
potential-free relays contact (two-way 230 V, 50/60 Hz / 3 A)		yes

Electrical features

supply voltage	V	24
output, two-way contact	V / Hz	230 / 50-60 (3 A)
input current (binary input)	mA	2.5
input current I(a)	mA	1.5 (2-wire) 0.4 (3-wire)
input current I(P)	mA	2.8 (3-wire)
input current I(Pmax), max.	mA	4.4 (3-wire)
current via input contact	mA	2.5

Mechanical features

mounting		built into one gang boxes
type of housing		built-in housing
material of the housing		plastic
weight	g	32

System features

signal transmission and power supply		polarity-free and short-circuit protected 2-wire TCS:BUS
wiring technique (number of wires)		2 or 3 possible
number of suitable TRE2 devices in 2-wire technique		max. 3

Commissioning and maintenance

parameter adjustment		manually with BRE configurator
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Dimensions H x W x (D)

DIN-rail housing	mm	52 x 52 x 23
max. line diameter (M+, M-, a, b, P-terminal)	mm	0.8
max. line diameter (com, nc, no-terminal)	mm	1.4

Climatic features

acceptable ambient temperature	°C	-20 to +50
degree of protection	IP	20

Scope of delivery

combined device with binary input / output (flush-mount)		BRE2-EB (incl. product information)
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Combined device with binary input and output to trigger switching and signalling functions.

BRE2-EB



For questions regarding planning, please contact our technical support

Send your enquiry by Mail to:
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