

IR Transceiver		
Fields of application		
operation as		transmitter and receiver (TCS:BUS protocol <-> IR protocol)
number of programmable channels		max. 8
programmable protocol types		individual TCS:BUS and IR protocols
number of programmable TCS:BUS protocols per channel		max. 1
number of programmable IR protocols per channel		max. 1
Functionality transmitting, receiving		
IR receiving operation		transmission of TCS:BUS protocols (door and light protocols operating protocols internal or door call protocols)
IR transmitting operation		to address various external devices with IR interface (e.g. to activate TV mute when receiving a door call protocol)
Transceiver characteristics		
IR carrier	kHz	36
optimal wavelength	nm	950
range	m	6 (under direct visual connection)
detecting angle (transmitter)		60°
Commissioning and maintenance		
functional check		status LED (is ON when receiving transmitting of IR protocols)
configuration options		manually with Service Device with configo™
displaying manual programming		two colored-LED (red, green, orange)
Mechanical features		
mounting		to built into standard flush-mounted one gang box
material of the housing		plastic
weight	g	100
Electrical features		
input current I(a)	mA	0.4
input current I(P)	mA	18
input current I(amax), max.	mA	20
input current I(Pmax), max.	mA	24
System features		
signal transmission and power supply		polarity-free and short-circuit protected 2-wire TCS:BUS
wiring technique (number of wires)		3 necessary
Dimensions H x W x (D)		
main module	mm	40 x 40 x 22
cover	mm	70 x 50 x 5
Climatic features		
acceptable ambient temperature	°C	0 to +40
Scope of delivery		
IR Transceiver		FBI4100-0600 (incl. product information)

TCS:BUS interface to infrared capable devices.

FBI4100-0600



For questions regarding planning, please contact our technical support

Send your enquiry per Mail to:
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