

CIB – Group wall switch controllers Logus90 (EFAPEL)

Type	DI	RO	AI	AO	Comm
C-WS-0200R-Logus	2x button	1x LED green 1x LED red	1x internal temperature 2x external temperature		CIB
C-WS-0400R-Logus	4x button	2x LED green 2x LED red	1x internal temperature 2x external temperature		CIB

Basic features

- Wall switches with short press button control. Each control element has up and down button.
- Each button may be configured in project SW for any meaning. E.g. we may evaluate length of press.
- Each button may be matched with sequence of commands, e.g. pull shutters, switch on the lights and set intensity of lights, switch on TV etc.
- Switches have led wires for connection of up to two external temperature sensors. E.g. interior temperature and floor temperature.
- Switches have built-in temperature sensors.

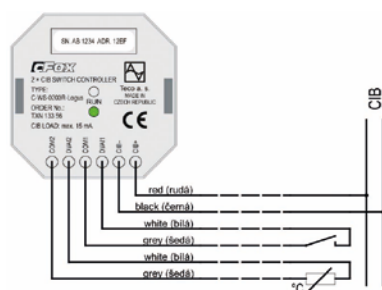
Connection

- Wall switches are connected directly to CIB bus, which ensures communication and power supply of switches.

Use

- For interiors into standard installation boxes under plaster.
- Switches are designed compatible with frames, devices and sockets LOGUS90 (EfaPel) and may be free combined with them.
- Below mentioned order numbers mean only device, which need to be completed on order with switch cover and frame.

Connection example



Button inputs	C-WS-0200R-Logus	C-WS-0400R-Logus
Input type	2x built-in button	4x built-in button

Binary outputs LED indication	C-WS-0200R-Logus	C-WS-0400R-Logus
Output type	1x green LED 1x red LED	2x green LED 2x red LED

Universal inputs

Number of universal inputs	2x AI/DI
Galvanic isolation from CIB bus	No

Measured ranges

Sensor type	Ranges	Základní Accuracy
Voltage-free contact	0/1	0 if >1.5 kΩ 1 if <0.5 kΩ
Balanced input (security systems)	Interrupted wire /0/1/tamper	for 2x 1k1 balanced resistor
Pt1000	-90 .. 320°C	0,5%
Ni1000	-60 .. 200°C	0,5%
NTC 12 k	-40 .. 125°C	0,5%
KTY81-121	-55 .. 125°C	0,5%
Resistor	0-160 kΩ	0,5%

Operating conditions

Operating temperature	-10 .. +55 °C
Storage temperature	-30 .. +70 °C
Electric strength	according EN 60950
Electric device protection degree according EN 61140:2003	II
IP Degree of protection IEC 529	IPxxB
Overvoltage category	x
Degree of pollution according EN60664-1:2008	1
Operating position	Vertical
Installation	On the wall, into installation box
Connection, wire dimension	Independent wires, 0.5 mm ²

Dimensions and weight

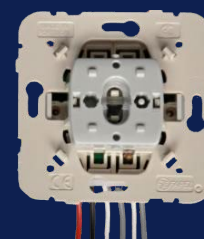
Dimensions	88x86x38mm
Weight	79g

Power supply

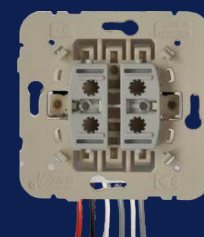
Power supply	24 V (27 V) from CIB bus
Nominal/max. load	13 mA/17 mA
Typ./Max. input power	0.3 W/0.4 W
Internal protection	No

Order number

TXN 133 56	C-WS-0200R-Logus, CIB, Wall switch with short press control, 2 buttons, frame and cover on order
TXN 133 57	C-WS-0400R-Logus, CIB, Wall switch with short press control, 4 buttons, frame and cover on order



C-WS-0200R Logus



C-WS-0400R Logus



Bottom view



Switches must be completed with box and cover