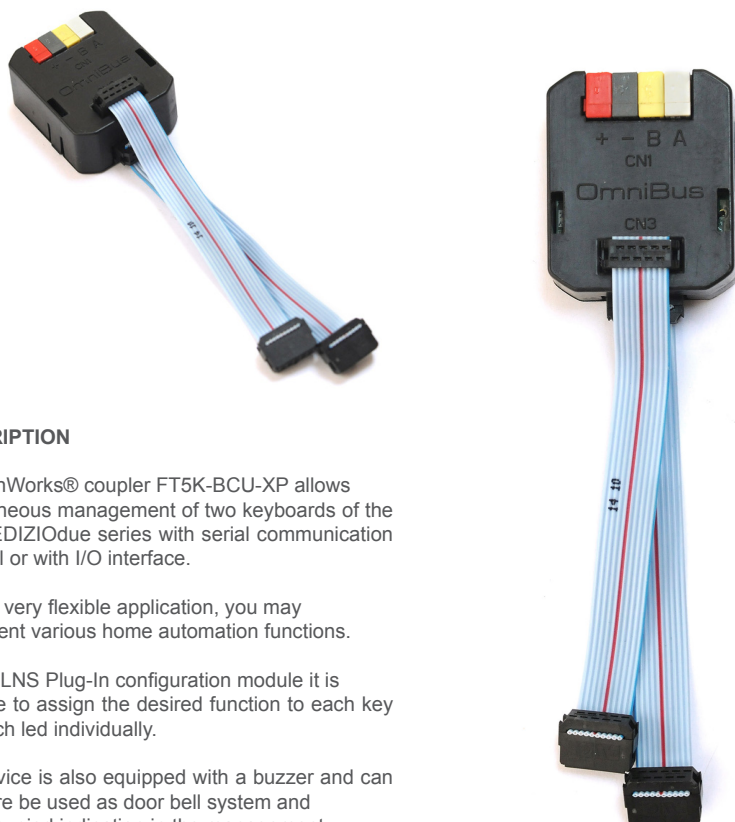


Coupler FT5K-BCU-XP

The flexible and functional interface
between keys and your home automation system.
Ideal for both electronic and mechanical keys.



DESCRIPTION

The LonWorks® coupler FT5K-BCU-XP allows simultaneous management of two keyboards of the Feller EDIZIOdue series with serial communication protocol or with I/O interface.

With its very flexible application, you may implement various home automation functions.

Via the LNS Plug-In configuration module it is possible to assign the desired function to each key and each led individually.

The device is also equipped with a buzzer and can therefore be used as door bell system and free/occupied indication in the management of offices and meeting rooms.

The coupler can be placed in standard boxes mounted in or off the wall (Gr. 1 or Gr. 1 + 1).

MAIN FEATURES

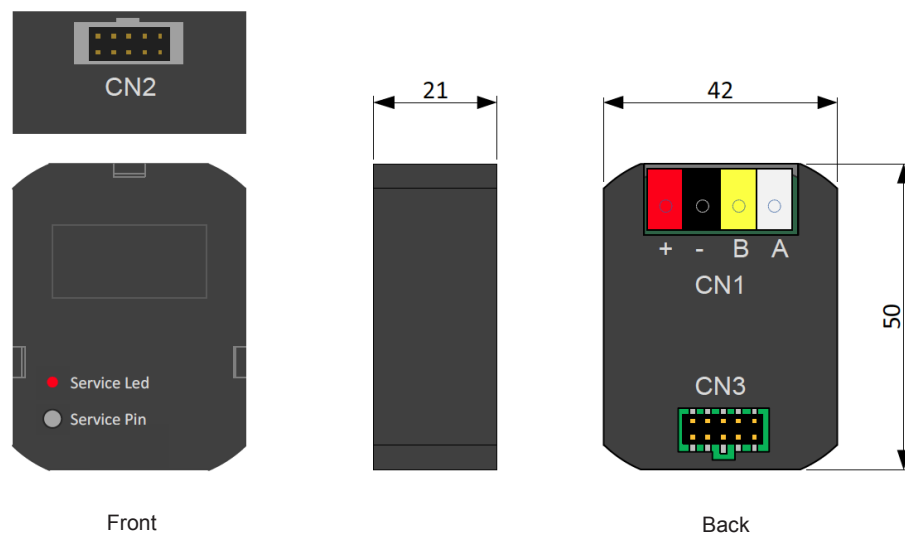
- Management up to 16 keys and LEDs for keyboards with serial interface.
- Setting of color and brightness of LEDs.
- Management up to 8 mechanical keys.
- Software for access and reservation management for offices and meeting rooms.



COUPLER FT5K-BCU-XP

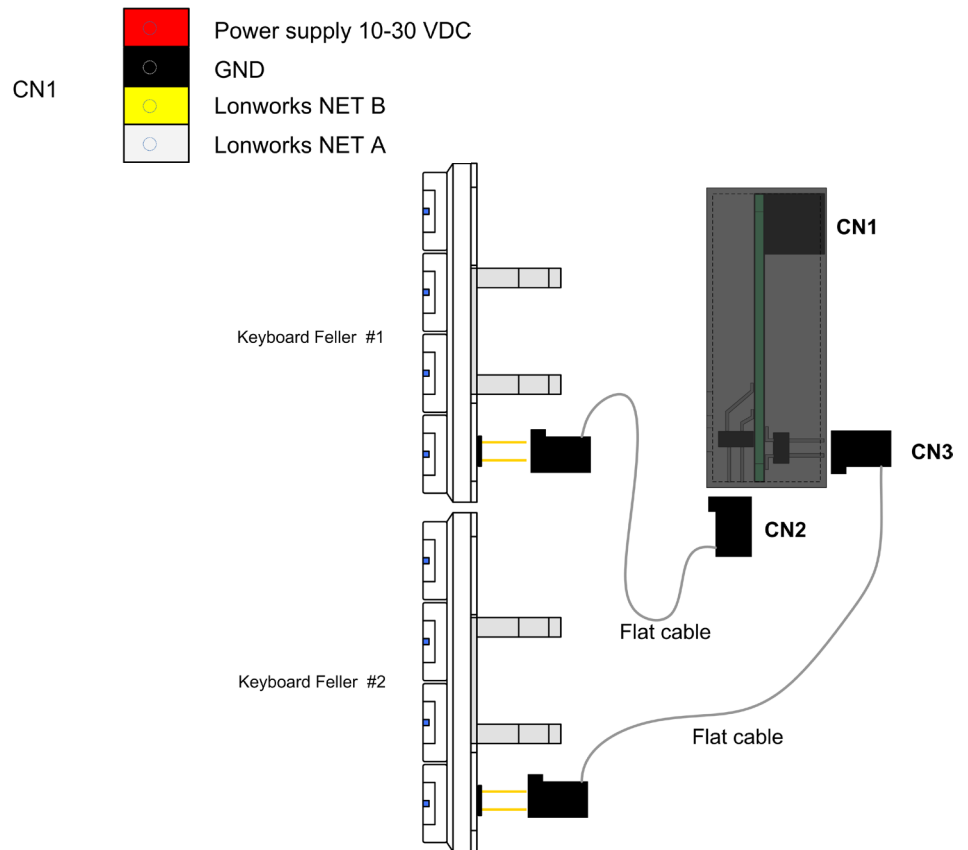
Technical Specifications

Power Supply	10...30 VDC Maximum consumption: 500 mW (including keyboard Feller EDIZIOdue)
BUS	LonWorks FTT-10 78Kbps 2-wire without polarity
CPU	Neuron chip FT5000 @ 80 MHz 34K Flash 8K RAM
Controls and indicators	Service button (Service Pin) Service LED (red)
Connectors	Power and LonWorks bus WAGO; terminals (Art. 243-211 / 243-212) Feller keys: 10-pin flat cable
Conditions for use	Temperature : -5 ...45 °C Relative humidity : 10 ... 90 %
Size	50 x 42 x 21 mm (length x width x height)
Installation	To be placed in standard boxes mounted in or off the wall (Gr. 1 or Gr. 1 + 1).
Regulations	EN 61000 - 4 - 2/3/4/5/6 EN 50090 - 2 - 2 EN 60068 - 2 EN 60950 - 1

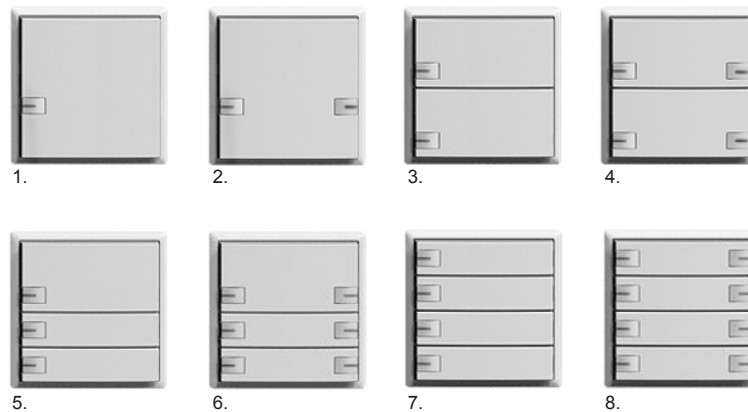
Size (mm)

COUPLER FT5K-BCU-XP

Wiring



Compatible Feller keyboard



Feller keyboards type EDIZIOdue with serial interface or I/O equipped with coupling connector.

Available in different colors for versions 1, 2, 3 or 4 keys with single or double commands.

For each model, the choice of the LED is optional.

Keyboard version	Feller Code	
	(model I/O)	(serial model)
1. Simple keyboard Simple command	3911-1.xxx	3921-1.xxx
2. Simple keyboard Dual command	3911-2.xxx	3921-2.xxx
3. Double keyboard Simple command	3912-1.xxx	3922-1.xxx
4. Double keyboard Dual command	3912-2.xxx	3922-2.xxx
5. Triple keyboard Simple command	3913-1.xxx	3923-1.xxx
6. Triple keyboard Dual command	Not available	3923-2.xxx 3926-1.xxx
7. Quadruple keyboard Simple command	3914-1.xxx	3924-1.xxx
8. Quadruple keyboard Dual command	Not available	3924-2.xxx 3928-1.xxx