

The EIB TP controller.



The whole house under control - centrally.

The EIB TP* controller. One central control unit – unlimited possibilities.

The EIB Busch installationsbus® has now become even more comfortable, efficient and good-looking – with the new EIB TP controller from Busch-Jaeger. The elegant table-top unit is distinguished by its attractive design and easy operation. It enables the

entire functions of the EIB system to be manually or automatically controlled. Operation is effected by means of ergonomic push buttons. The large, clearly arranged display always provides the requisite information on the statuses of the unit – in detail and in plain language.



Time programs – individual settings at any time.

The functions in the building can be set to the individual requirements of the residents by means of the TP controller for the EIB Busch installationsbus®. Should the water be automatically heated for an enjoyable hot bath in

the morning? No problem. What about light in particular rooms, even when there's nobody at home? But of course. Up to 100 time programs are available and, if desired, an integrated astrofuction allows the operating times to be optimally tailored to sunrise and sunset.

Controller operation – operation without being "on the spot".

In controller operation, the user can access any unit of the EIB installation at any time and operate it individually without being "on the spot". The statuses altered through this remote control are shown on the display of the TP controller.

Vacation function – security even if nobody's at home.

The vacation or occupancy simulation allows the house to appear to be occupied, even if nobody is there. Thus e.g. blinds or roller blinds move up and down and various lights switch on and off at random.

Scene function – atmosphere à la carte.

The desired setting can be stored for any mood and situation through the scene functions. The right atmosphere can be created at any time at the touch of a button or by time-setting.

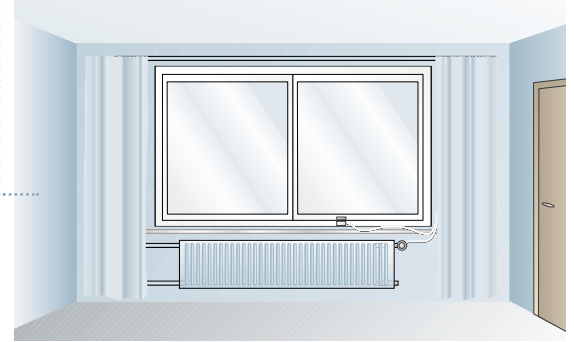
* TP = Twisted Pair (bus cable)

Higher comfort. Higher security. Higher economy. With the EIB TP controller.

Heating control

There is an enormous potential for making savings in private dwellings or commercial or public premises if rooms are only heated when necessary. You don't have to suffer a loss of comfort if you use the EIB TP controller, because it auto-

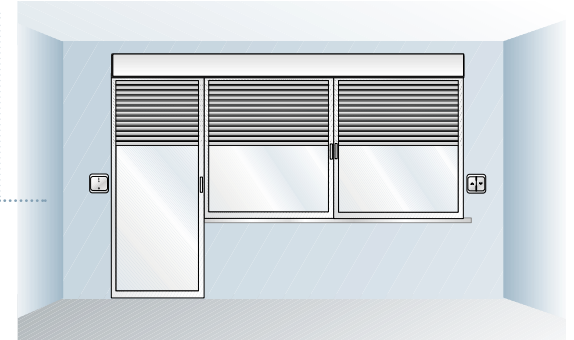
matically ensures that the temperature in the room is always pleasant the next time it is used.



Blind control

If electric blinds are operated via the EIB, the TP controller opens up extensive possibilities for time-program control for the room. It moves the blinds up or down at specified times. If the astrofunction is set, the blind is

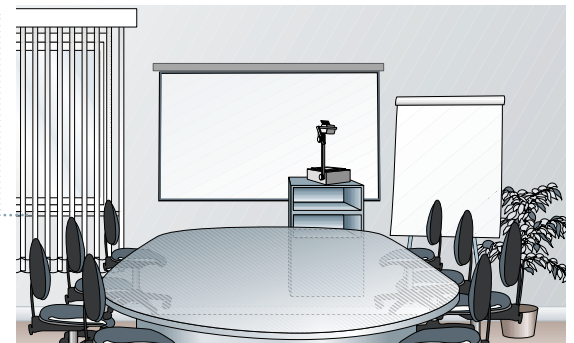
automatically let down when darkness falls. This makes it ideal e. g. for the protection of the house when nobody is at home.



Conference or lecture room

In the sphere of business, conference and lecture rooms make heavy demands on the installation as a result of their diverse possibilities of use. Conventional systems are very soon at their limit or are very expensive. On the other hand, a TP controller and an

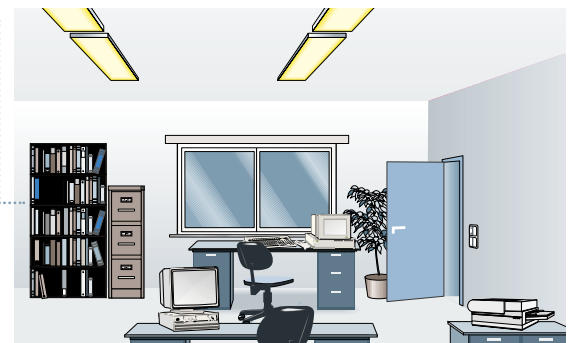
EIB installation enable all the relevant adjustments to be easily made from the lectern at the touch of a button – from the spotlight on the speaker to dimming the lights, e.g. for a video presentation.



Lighting control system

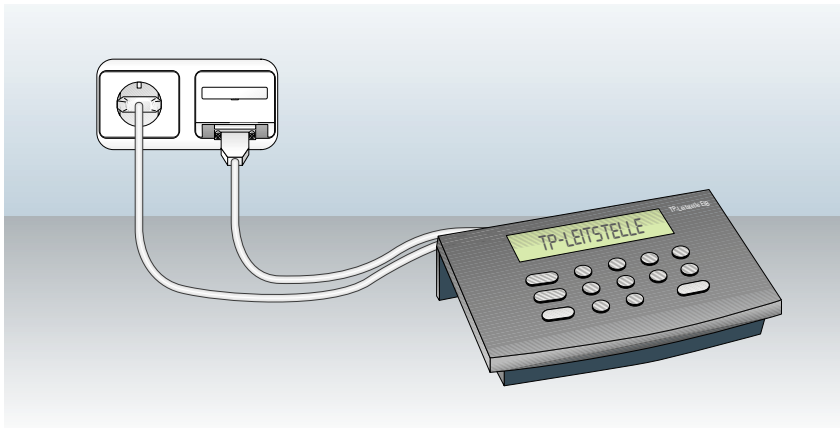
People often forget to switch off the lights in office buildings or schools. Not with the EIB TP controller. The system automatically switches off the lights at specified times, individually tailored to the use of the individual rooms. Of course, the

lights can also be switched on and off manually via the TP controller, e.g. when a room is to be used outside the specified times.



So komfortabel wie das System selbst: die Programmierung der Leitstellenfunktionen durch den Elektroinstallateur.

Option 1: Programming through direct input



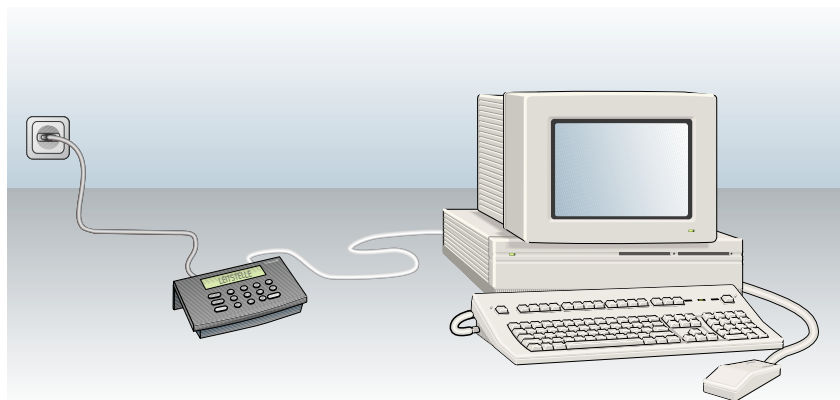
You can of course input all the functions and actions which are required for controller operation via the EIB TP controller, either directly or by means of a connected keyboard.

However, owing to the better overview during input, we recommend configuring the controller functions by means of the Power-Project TP software (see option 2), which is free of charge and described in detail below.

Note:

The EIB TP controller is connected to the EIB Busch installationsbus® by means of the serial data cable enclosed with the unit and a flush-mounted EIB interface (RS 232, UP)

Option 2: Programming by means of the Power-Project Twisted Pair configuration software



The Power-Project Twisted Pair program comes free of charge with every EIB TP controller. It enables the comfortable programming of the individual controller actions as well as scenes and time programs by means of a PC.

This has the advantage that you have a better overview of your programming as a result of the larger screen. Once it has been created, the program is simply loaded into the EIB TP controller.

It's so easy to program the individual controller functions:



Step 1:

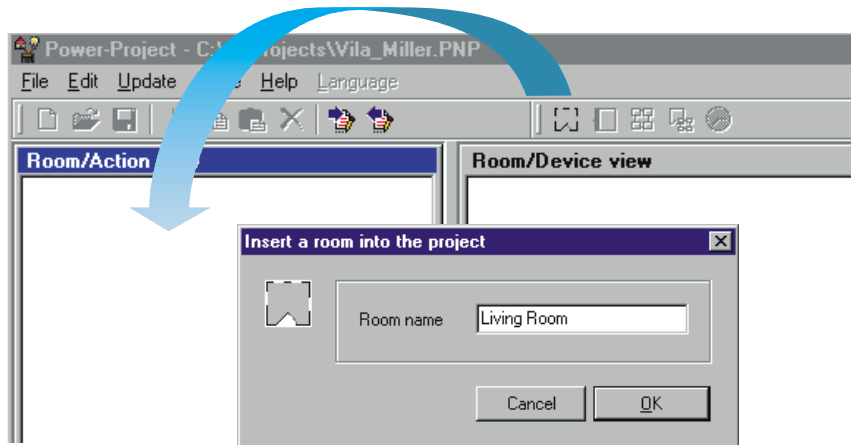
First of all, start the Power-Project software on your PC and create a new project.

*File menu →
New projekt*

Step 2:

After input of the project data, you automatically go to the room/action window of Power-Project. Here you can input the individual rooms and define all the actions which you wish to execute later in the controller function.

*Using the mouse,
drag the room
symbol into the left-
hand room/action
window and define
a room name.*



Step 3:

Change to the group view of your ETS 2. Here you can print out all the group addresses used in your project

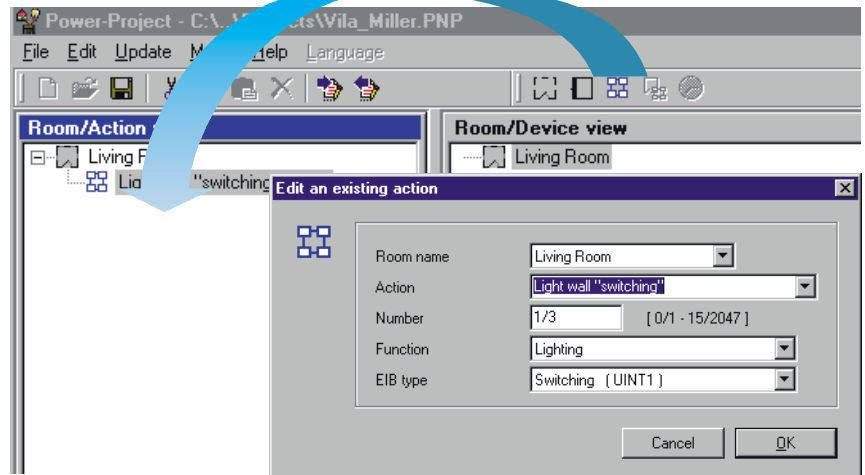
by means of
*Project menu →
Print*

Line	Address	Medium Typ	System Id	Description
Light ce... 1		Twisted Pair		
Light w... 2		Twisted Pair		
Light w... 3		Twisted Pair		

Step 4:

Transfer the first ETS group address from your printout to a newly created Power-Project TP action.

Drag the action symbol into the associated room. Input the ETS data (group address, function, EIB type) into the dialog box



Step 5:

Proceed in the same way for all the other ETS group addresses which you wish to activate in the controller function via the EIB TP controller.

Repeat step 4 as required

Step 6:

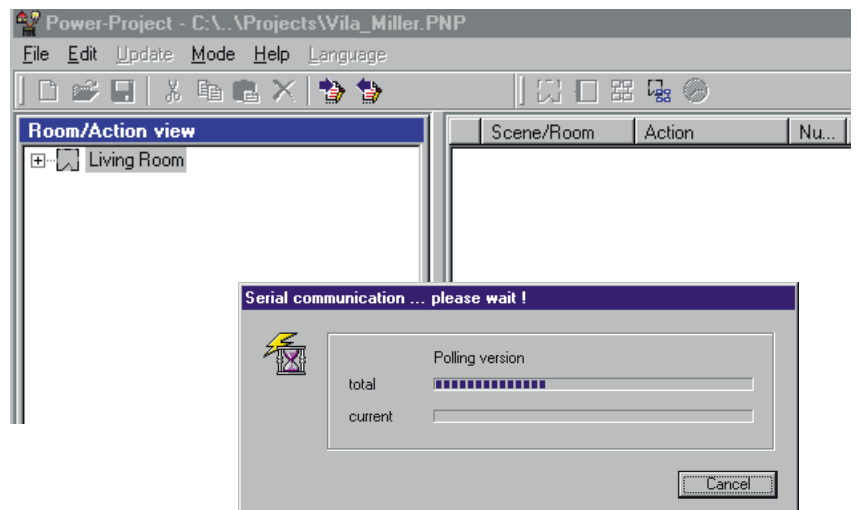
After you have converted all your ETS functions into TP controller actions, you can transfer your project to the TP controller.

For this, connect the EIB TP controller to your PC via the serial data cable (RS 232). As soon as you have started the data transfer on the PC and the EIB TP controller, your project is automatically transferred.

Controller: *Installation → Administration → Load project*

PC: *Edit menu → Senden project*

If you now connect the EIB TP controller to the flush-mounted EIB interface via the serial cable, you can control, monitor and visualize all the previously defined actions in controller operation.



The highest comfort for the user: individual scenes and up to 100 time programs effortlessly under control.

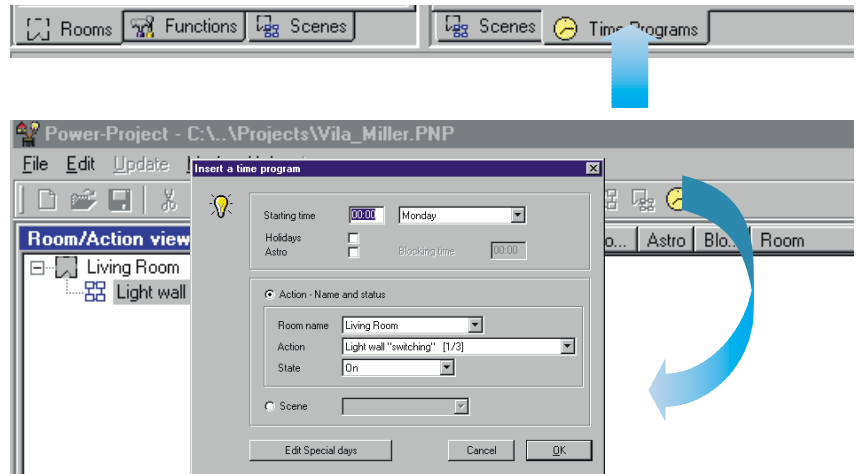


Input via Power-Project

Time programs

With Power-Project TP, change to the view of the time programs in the right-hand window. Here you can define the desired time functions for the individual actions or scenes. The time programs are automatically transferred to the EIB TP controller with the project.

Select the Time program folder. Drag the time symbol into the right-hand window and input the times, action and the desired state in the Time menu

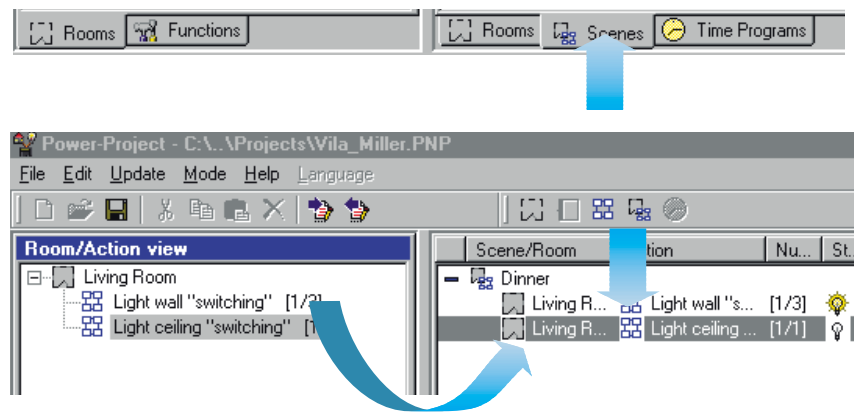


Scenes

A scene describes the combination of several actions with defined switching states. Scenes can be activated both in controller operation and via time programs. The scenes are also automatically transferred to the EIB TP controller with the project.

Scene control through Power-Project TP

Activate the scene view in the right-hand window of Power-Project by clicking the "Scenes" tab on the bottom edge of the screen with the left mouse button. Using the mouse, drag the scene symbol into the right-hand window. By doing this, you create a new scene. You can now allocate individual actions to this scene. To do this, you drag the actions from the action window onto



the new scene symbol using the mouse (hold down the left mouse button). A defined

switching state can be specified for each action which you include in a scene.

Direct input via the EIB TP controller

Time functions and scenes can of course also be input directly via the EIB TP controller and a connected keyboard:

Time programs

Select the menu:

*Controller operation
Edit time programs
New time program*

After you have specified whether the time program applies for an

action or for a scene, you automatically go to the input mask for the times.

Scenes

Select the menu:

*Controller operation
Edit scenes
Create new*

Define a scene name and successively specify the actions you wish to include in the scene.

Note:

For direct input, the EIB TP controller must be con-

nected to the EIB Busch installations-bus®. Connection is effected by means of the serial data cable enclosed with the unit and a flush-mounted EIB interface (RS 232, UP)

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PO Box
D-58505 Lüdenscheid

Freisenbergstraße 2
D-58513 Lüdenscheid

Tel.: +49 2351 956-0
Fax: +49 2351 956694
info.bje@de.abb.com
www.busch-jaeger.de

Central sales service:

Tel.: 0180-5669900
Fax: 0180-5669909