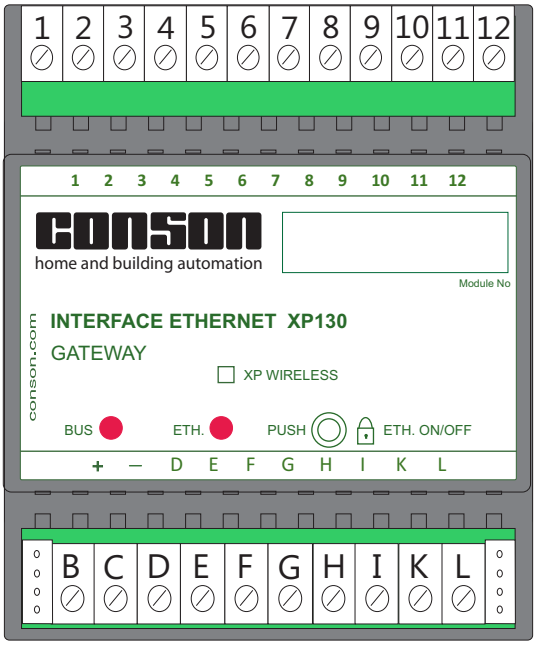

XP130 EAN-Nr: 5703513055967
XP230 EAN-Nr: 570351

Introduction

The gateway XP130 is used for programming an installation, that is constructed with the Concept 2000 Xp and this by means of the Contool software. Once the installation is programmed, it can be controlled and watched via a local network or the internet.

The structure of the XP130 is derived from the gateway CP485 of the Concept 2000 in combination with a TCP-connection. Thus, the system obtains an IP-address. By default, this address is 192.168.1.17. The IP-address can be changed through a browser. When changing the address, it is necessary to write it down in the file. When the data is lost, the IP-address can be traced using the „DeviceInstaller"-program of Lantronics. See the file „XP service tool.chm" in the directory of the XP Service Tool.

The connection of the XP130 with the modules haps via a 4-pin bus-cable that delivers the power supply 24 VDC and that connects the two data lines. The modules of the Concept 2000XP possess one pin more than the modules of the old Concept 2000. This pin primarily serves to program the modules and to communicate with the modules to exchange information with the interfaces that are connected to the Conson-busses (See earlier description: Topography of the concept 2000XP).

The lower pin serves to send the data derived from the linking modules of the old Concept 2000 to the actors. In the new concept, the lower pin serves the clock-signal from the local bus.

To the clamps BCDE, a Consonbus can be started. This can only be done if the XP130 remains in the electrical enclosure. Regardless of where a Consonbus is connected, it may always be moved to another actor even after the programming.

Internal structure and communication

The clamps at the bottom are the entries that were used in the Conlinx-system to recognize the associated LED-outputs or other of the Concept 2000. Ditto for the clamps 1, 2, 3 and 4 at the top. The clamps 5 till 8 are the temperature-inputs and the analog I/O. The characteristics of these may depend on the settings of the module. In the Concept 2000 Xp the above-mentioned clamps are unused.

The terminals 9 till 12 form an RS485 serial bus. This can be used to connect to the MLGW bus from Bang & Olufsen , via an RS485 to RS232 converter. By using the TCP interface, the system is coupled to the outside world. If this is coupled with a WiFi-device, it is possible to program and to control the system wirelessly. Modes and scenes can then be changed easily when one is in a given space.

When it is programmed over the internet, it is impossible to update the firmware of different modules. This was blocked for security reasons. The release is only possible by a human hand. Hence, the pushbutton is located in front of the module.

For an installer, servers and HTLM-pages are not his field of knowledge. To rely on an IT-specialist was the only solution. To simplify everything, Conson has decided to take a different path, namely the one of the Apps. Thus, the XP230 was developed. The XP230 gateway is a combination of a XP130 with a server in which the data of the project will be saved. Thus, an installation can be controlled via a smartphone or other, and equipment does not have to be present.

Simply connect the XP230 to the router of the home or the building and the job is done. The XP230 and Apps are still in a testing phase. Thus, the XP130 will only be used in the future for programming an installation and others, and the XP230 when it should stay in the installation.