KNX IP Interface PoE N000401

EIBMARKT
N000401

130,24 USD excl. VAT**

plus **shipping**

🚚 **4-5 days* (USA)**

Note: The Power over Ethernet supply is standardized acc. to Standard PoE (IEEE 802.3af) and integrated via RJ45. We can recommend a PoE Ethernet Switch from Netgear, e.g. FS108P. The device disposes of 8 ports, four of which are equipped with Power over Ethernet (IEEE802.3af, 48 VDC). The IP interface, for example, can be connected to one of these four ports. As an alternative, power supply can be provided by means of screw connecting terminals at the upper side using a separate power supply unit (12-24V DC) or transformer (12-24V AC). Parallel power must be avoided! Caution when using managed Switches (Cisco or similar): With some Switches there can problems with the standard settings and the IP devices are not recognized. In this case make the following adjustment at the Switch: Full-Duplex-Mode Digit rate: 10 Megabit/s A blinking Ethernet LED at the IP Router or IP Interface indicates an existing link i.e. the digit rate and the mode have been set correctly. KNX/EIB IP Interface IP Interface between LAN and EIB/KNX bus Application area The KNXnet/IP-Interface is used to connect a PC to the KNX/EIB network for programming via ETS or visualizations. The connection is made through LAN (IP). The IP address can be obtained by a DHCP server or by manual configuration (ETS) respectively. This device works according to the KNXnet/IP specification using the core, the device management und the tunnelling part. A typical application: the device is mounted in the sub-distribution and connected to the KNX EIB. The sub-distribution also disposes of a network connection to a remote PC. Using the remote PC the EIB KNX devices can be programmed, now, by means of LAN via ETS or the facility can be visualized with the respective software tools. The IP interface can also be used directly with a PC using a cross link cable. The PC must dispose of a valid IP configuration, i.e. at least the IP address and the sub-network must have been adjusted. The IP interface must have the same sub-network and get an IP address from this area. An example: PC: IP address: 192.168.1.10 Sub-network: 255.255.255.0 IP Interface: IP address: 192.168.1.11 Sub-network: 255.255.255.0 In this particular case, the IP interface must be provided with voltage from a power unit using a cross link cable since no switch that is capable of Power over Ethernet (PoE) is available here. Up to 5 tunneling connections possible, one tunneling connection already configured by the manufacturer with the physical address 15.15.250. Allocating or configuring further tunneling connections can be realized by pressing the Learn Key (>1sec). All other tunneling connections...

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