



## KNX IP Router PoE N000402



**EIBMARKT**  
N000402

**255,69 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 Router, 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 be 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, Duplex rate: 10 Megabit/s. A blinking Ethernet LED at the IP Router or IP Interface indicates an existing link i.e. the duplex rate and the mode have been set correctly. The KNX IP Router is capable of Routing and Tunneling at the same time, i.e. ETS programming (Tunneling) and coupler function (Routing) are possible in parallel. KNXnet/IP Tunneling allows only one connection by means of the KNX IP Router interface function to the bus. With Routing several devices can access the bus simultaneously. Routing is preferably used when the KNX IP Router is applied as line or area coupler. However, it can, for example, also be used for the connection of a visualization application. Applications: For ETS-programming a KNX IP interface that supports only the tunneling protocol is sufficient (KNX IP interface instead of KNX IP Router). However, the ETS also supports programming by means of the routing protocol. If you want to connect visualizations, it must be verified which protocol the respective software supports. So, the current Gira HomeServer supports nothing but the routing protocol. For simultaneous access of several applications the routing protocol is required (KNX IP Router), while one application can make use of the tunneling protocol. Remote internet access is always achieved via tunneling protocol. KNX/EIB IP Router IP-Router / Interface between LAN and EIB/KNX bus Application area The KNXnet/IP router allows forwarding of telegrams between different lines (as EIB KNX area/line coupler) through a LAN (IP) as a fast backbone. In addition this device is suited to connect a PC to the KNX/EIB network e.g. for ETS programming. 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,...

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\* Note on delivery time: Day = Monday to Friday, no public holiday in Bavaria or Saxony. Goods are also delivered on Saturdays (DHL).

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