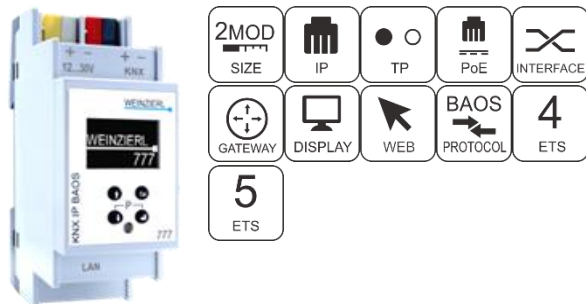


Data sheet

## KNX IP BAOS 777

Interface and ObjectServer between LAN and KNX Bus



(Art. # 5193)

### Application area

The KNX IP BAOS 777 integrates a web server for the KNX installation. This allows the visualization in a web browser on a PC or mobile device.

The email function allows the notification e.g. in case of an alarm. The integration of a Date & Time Server (NTP) allows to obtain date and time automatically via the Internet and to synchronize the KNX installation. Extensive time functions offer a powerful KNX time switch with week function. The configuration is done with the ETS software.



Typical application

Additionally, the device offers the function of a KNX IP interface (KNXnet/IP). Developers can access all functions via an API with BAOS RESTful Web Services.

### Technical Specification



Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018, EN 50491-5-1: 2010  
EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2005  
EN 61000-6-3: 2007 + A1: 2011
- EN 63000: 2018

Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 ... 93 %

Mechanical data

- Housing: plastic
- DIN rail mounted device, width: 2 units (36 mm)
- Weight: approx. 90 g

Controls and indicators

- OLED display with 4 buttons
- Programming LED (red)

Ethernet

- 100 Mbit/s
- Supported internet protocols ARP, ICMP, IGMP, UDP/IP, TCP/IP, DHCP, SMTP, NTP
- Up to 8 KNXnet/IP Tunneling connections simultaneously
- Up to 10 BAOS connections simultaneously.

KNX

- Medium TP
- Interface protocol: cEMI
- Max. APDU length: 55
- Object Server: BAOS V2  
BAOS RESTful Web Services

Power supply

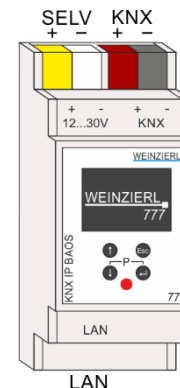
- External supply 12-30 V= alternative: Power over Ethernet PoE
- Power consumption: < 1,5 W

Connectors

- Bus connector for KNX (RD / BK)
- Connector for external power supply (YE / WH)
- LAN RJ-45 socket

### Installation Instructions

- The device may be used for permanent interior installations in dry locations, within distribution boards or small casings with DIN rail.



### WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.

ETS4/5 Database

[www.weinzierl.de/en/products/777/ets4](http://www.weinzierl.de/en/products/777/ets4)

Manual

[www.weinzierl.de/en/products/777/manual](http://www.weinzierl.de/en/products/777/manual)

CE Declaration

[www.weinzierl.de/en/products/777/ce-declaration](http://www.weinzierl.de/en/products/777/ce-declaration)

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