KNX IP LineMaster, Ref. 9018249   EN

KNX multi-function device with Power Supply / IP-Router / IP-Interface
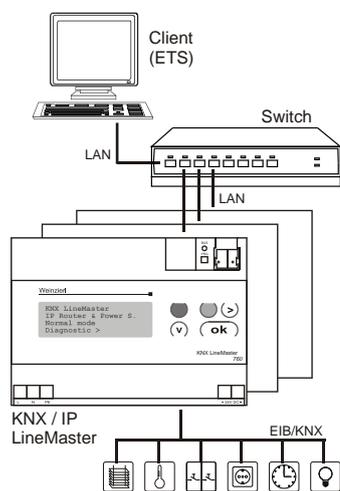Data sheet

Application Area

The KNX LineMaster combines the essential functions of a KNX bus line: Power supply with choke, IP Router and IP Interface.

In addition to the bus voltage the power supply offers an auxiliary voltage of 24 V. The IP Router in the LineMaster allows forwarding telegrams between different lines through a LAN (IP) as a fast backbone. Using the embedded IP Interface, the KNX line can be connected directly to a PC (e.g. by ETS).

This device works according to the KNXnet/IP specification using the core, the device management, the tunnelling and the routing part.

Typical application

The router included in the KNX LineMaster 760 has a filter table and is able to buffer up to 150 telegrams.

SOMFY
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France
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Technical data

Electrical safety
• Protection (EN 60529): IP 20

EMC requirements
• Complies with EN 61000-6-3 and EN 50090-2-2

CE norm
• Complies with the EMC regulations (residential and functional buildings) and LV directive.

Certification
• KNX

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

Physical specifications
• Housing: Plastic
• DIN rail mounted device, 7 width units
• Weight: approx. 400 g

Operating controls
• Learning key for EIB
• 5 keys for menu operation

Indicators
• Learning LED (red)
• LC display

Ethernet
• 10BaseT (10Mbit/s)
• Supported internet protocols ARP, ICMP, IGMP, UDP/IP and DHCP

Power supply
• Mains voltage 230V AC / 50Hz
• Power comsumption: <   4 W (idle)
       < 28 W (full load)

Connectors
• KNX connection terminal, bus voltage 29 V (restricted), max. output current: 640 mA, short-circuit-proof
• 24V DC (unrestricted), max. output current: 150 mA, short-circuit-proof
• LAN RJ-45 socket