

Last information update: November 2024



Product code

PY68: Logic controller for KNX systems

Technical description

Logic controller for automation solutions based on KNX protocol. This allows small and medium-sized systems to be automated with an architecture including KNX and a DALI control via an appropriate gateway. The controller is also suitable for large systems with a BMS-operated architecture including KNX and DALI. The logic controller can be used as a gateway to translate and consent communication between different system components and as an aggregator for saving, analysing and sending data. It can also be used as a user interface for displaying relevant information on mobile devices and as an event controller that sends e-mails in case of problems.

Applications:

- Logic functions.
- WEB SCADA display for PCs and touch devices.
- Cross-standard Gateway between KNX and Modbus RTU/TCP.
- BACnet Server (500 points).
- Integration with third party devices on RS-232 (IR, AV).
- Streaming camera.
- Data logger with trends.
- BACnet certified BACnet Application Specific Controller (B-ASC).

-Luminaire monitoring for Motus DALI emergency, connected to the KNX/DALI gateway code PC68, appropriate programming and software. Contact iGuzzini for more details on the specific system configuration.

Technical data:

Power supply voltage: 24 V DC.

Energy consumption: 2 W.

LED 1 indicator: Green LED (CPU load). LED 2 indicator: Green LED (operating) or red LED (Reset).

Interface: 1 KNX, 1 10BaseT/100BaseTX, 1 RS-485 (including unterminated 47 K Ohm polarisation resistors).

1 RS-232, 1 USB2.0, 1 reset button.

Installation

Device width: 3 DIN modules (~54 mm)

Colour

Indeterminate (00)

Weight (Kg)

0.09

Wiring

Terminals:

Bus KNX: 2x0,8 mm² bus connection terminal

Power supply: terminal, 0.5 mm²–1.5 mm²

Serial: terminal, 0.5 mm²–1.5 mm²

Notes

Operation: -5 ... +45 °C

Max humidity: 93%, without condensation

Environment: can be used at heights of up to 2000 m above sea level (SLM)

Dimensions: 90 x 52 x 58 mm (HxWxD)

For the components and software required to complete the system, contact iGuzzini.

Complies with EN60598-1 and pertinent regulations



Technical data

Control: KNX