

IO Module

IOLink

Luxmatic IO Module, IOLink is a device that integrates various types of sensors and actuators. The IOLink meets ISO/IEC 14908–3 compliant, based on Power Line Communication, and includes a variety of software functional blocks that define how the IOLink will function.

It also contains 4–digital inputs and outputs each, 4–analog inputs and status LED.

When integrated with Luxmatic smart lighting system, IOLink allows great energy savings and achieves more.



Features

- Supports Power Line Communication Standard ISO/IEC 14908–3
- 4 optically isolated digital inputs.
- 4 relay outputs.
- 4 Analog Input channel (4~20mA, 0~10V) for a variety of sensors.

Standards–based Protocols

- ISO/IEC 14908–1 Control Network Protocol.
- ISO/IEC 14908–3 Power Line.

Specifications

Processor	Neuron 3150 Chip, 10MHz
Memory	32K Flash Memory
Channel Type	PL-20N or PL-20C power line
Operating Input Voltage	100 – 240VAC (–6%/+10%), 50/60Hz
Control Signals	0~10V(ESTA E1.3), PWM(IEC60929)
Indicators	Power On, LonWorks Service, PKD, 4 digital inputs; 4 digital outputs
Digital Inputs	4 optically isolated dry contact inputs, 30V AC/DC
Digital Input Connector	Screw terminals
Analog Inputs	4 Analog Input (4~20mA, 0~10V)
Analog Input Connector	Screw terminals
Operating Temperature	–20℃ to +60℃
Non-operating Temperature	–40℃ to +85℃
Operating Humidity (non-condensing)	10% to 90% RH @ 60℃
Non-operating Humidity (non-condensing)	5% to 90% RH max @ 60℃
Dimensions	159 mm (W) x 90 mm (H) x 59 mm (D)

Dimensions

