

2-Channel Light Controller for LonWorks®

Lonbox® PLS2024 is used in LonWorks® based control networks for building automation.

PLS2024 is a 2-channel light switch module containing 2 sets of identical in and output channels.

Both channels have individual configuration of automatic functions, e.g. hold time and auto on/off control.

PLS2024 have 2 digital inputs for connecting to standard low-voltage pushbuttons for manual control of light and 2 additional inputs for connection to presence detectors for automatic control of light. A 12V DC power supply to supply the presence detectors is available on the module.

The relay outputs to control the connected light loads offers a contact choice as either normal open or normal closed function.

The module is mountable on standard TS35 DIN rail (EN50022).

For easy access during configuration and service an extra network connection is located in the front of the module (3,5mm minijack).

Standard PC connection cable is obtainable from third party (Echelon).

PLS2024 is on the front equipped with LED's for power supply and Neuron service indication. The service switch for sending 'service pin' messages onto the network is also located on the front.



Technical data	PLS2024
Transceiver	FTT-10A
Neuron-Chip	3120E3, 5MHz
Supply	9 - 24Vac 12 - 28Vdc
Consumption	25 - 95 mA @ 24Vdc 30 - 110 mA @ 24Vac
12V output	8-12,6 Volt
12V output max. current	Max. 70 mA @ 24Vdc Max. 70 mA @ 12Vdc Max. 50 mA @ 24Vac Max. 85 mA @ 12Vac
Control LED	Supply present, green
Service LED	Neuron state function, yellow
Service switch	Activate Neuron service Pin
Numbers of input	4 digital
Numbers of output	2 relays
- type	NO and NC
- max current	10A@230Vac
EMC immunity	EN50082-2
EMC emission	EN50081-1
Operating temp.	-10 to 55°C
Storage temp.	-20 to 70°C