

Sunblind and Window Control Module for 2 pcs. 230Vac Motor Actuator for LonWorks®



Lonbox® PSD4044 is an I/O module for LonWorks® based control networks.

PSD4044 is designed for use in installations with 230Vac sunblind motor actuators. The module controls sunblind motor actuators with a separate phase, for the up and down direction, respectively.

PSD4044 has 4 digital inputs for manual control pushbuttons.

PSD4044 is controllable from LonWorks® network and have functions for treatment of signals from weather station and schedulers.

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).

A LED is located on the front of PSD4044 for power supply and service indication.

Technical data	PSD4044
LonWorks® Media	Twisted Pair TP/FT-10
Transceiver	FT-X1
Neuron-Chip	FT3120E4, 10MHz
Supply	12 – 30Vdc 10 – 24Vac
Consumption ex. 12Vdc output	25 - 160 mA @ 24Vdc 30 - 175 mA @ 24Vac
12Vdc output	12Vdc ±10% max. 200mA
Power supply indicator	Green LED in the front
Service indicator	Yellow LED in the front
Service switch	Activate Neuron service Pin message
Input	4 pcs. Digital
Output	4 pcs. relay
- type	NO contact
- Current	Max. 10A@230Vac
Protection class	IP20
Enclosure size	6 module lonbox® DIN enclosure 105mm
EMC immunity	EN50082-2
EMC emission	EN50081-1
Operating temp.	-10 to +55°C
Storage temp.	-20 to +70°C