

230Vac Sunblind and Window Control module for LonWorks®

Lonbox® PSD2013 is an I/O module for LonWorks® based control networks.

PSD2013 is designed for use in installations with 230Vac sunblind motor actuators. The module controls a sunblind motor actuator with a separate phase, for the up and down direction, respectively.

The module has 2 push-button inputs for manual control, and an analogue input for position feedback from the sunblind motor actuator.

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 PSD2013 for power supply and service indication.



Technical data	PSD2013
LonWorks® Media	Twisted Pair TP/FT-10
Transceiver	FTT-10A
Neuron-Chip	3150, 10MHz
Supply	9 – 24Vac, 12 – 28Vdc
Consumption	Typical 20mA@24Vdc
Power supply indicator	Green LED in the front
Service indicator	Yellow LED in the front
Service switch	Activate Neuron service pin message.
Input	3 pcs.
Input Type 1	2 pcs. analogue for pushbuttons
- Voltage	Max. 10 Volt dc
- Impedance	4 Kohm
- Resolution	10 bit
Input Type 2	1 pcs. analogue for actuator position feedback
- Voltage	Max. 10 Volt dc
- Impedance	146,4 Kohm
- Resolution	10 bit
Output	2 relays
- Contact	NO and NC
- Current	Max. 16 A@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