Lonbox® Series

Sunblind and Window Control module for LonWorks®

Lonbox® PSD2060 is an I/O module for LonWorks® based control networks.

PSD2060 is designed for use in installations with 12 or 24Vdc motor actuators for sunblind and window control.

The motor actuators are connected to the module by means of a 2-wire cable. The polarity of the output is reversible in order to control the drive direction.

The PSD2060 is equipped with 6 motor driver outputs with overload and short circuit protection. Furthermore the module has separate power supply inputs for supply and motor outputs.

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 PSD2060 for power supply and service indication.

Technical data	PSD2060
LonWorks Media	Twisted Pair TP/FT-10
Transceiver	FTT-10A
Neuron-Chip	3150, 10MHz
Supply	9 – 24Vdc
Consumption	Typical 40mA@24Vdc
Power supply indicator	Green LID in the front
Service indicator	Yellow LED in te front
Service switch	Activate Neuron service pin message
Output	6 pcs.
- Current	± 1 A (continuous) ± 2 A (peak 20 mS)
- Impedance	0,7 Ohm
- Voltage drop	0,2 V @ I = 0,2 A 0,7 V @ I = 1 A
Protection functions	
- Brake time	40 µS
- Short circuit to neutral	8 A
- Short circuit to positive	4 A
- Overload	4 A
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