

Intelligent LK OPUS® Push-Buttons for LonWorks®

Lonbox® PSW2042 is a push-button module for LonWorks® based control networks.

PSW2042 is designed for piggy-bag mounting on the back of a standard LK OPUS66 low-voltage push-button. Installation is possible using all available LK OPUS66 installation boxes for flush and wall mounting.

PSW2042 also support LK OPUS66 push-buttons with rocker LED indicator. The LED's are normally used to indicate rocker function or other superior network status.

The advantage of using LonWorks® based modules like the PSW2042 in LonWorks® installations, is the possibility of multi-functionality i.e. one module controlling different kinds of control modules, e.g. light, ventilation, sunblind, etc. thereby reducing the need of cabling between manual operating panels and central-placed control boxes.

PSW2042 includes standardized LonMark® function blocks like:

- 4 LonMark® profile 3200 Switch with extended functionality
- 4 LonMark® profile 3 Standard Actuator for control of indicators
- LonMark® profile 3250 Scene Panel

PSW2042 is designed for controlling different kind of modules with the following standard functions:

- LonMark® profile 3040 Lamp actuator
- LonMark® profile 3071 Occupancy Controller



- LonMark® profile 3050 Constant Light Controller
- LonMark® profile 3251 Scene Controller
- Philips Helio LRC5040/10 light controller (Philips PNVT)
- Sunblinds, windows etc. using SNVT_setting

PSW2042 allows a mixed use of the standard functions listed above i.e. one rocker controlling a light node while the other rocker controls a sunblind node.

Another application of the rockers is; activation of a preset light level or window screen position. Such functions require use of software application with a Scene Panel profile.

Teknisk data	PSW2042
LonWorks® Media	Twisted Pair TP/FT-10
Transceiver	FTT10A
Neuron-Chip	3120E3, 5MHz
Supply	12-28V dc
Consumption	Typical 10mA@24Vdc
Service indicator	Yellow LED signalling Neuron state
Service switch	Activate Neuron service pin message
Protection class	IP20
EMC immunity	EN 50082-2
EMC emission	EN 50081-1
Operating temp,	-10 to +55°C
Storage temp.	-20 to +70°C