

Lonbox® PYX7040

Remote I/O for Lonbox building controllers sunblind

INTELLIGENT BUILDING CONTROL

Extension module for Lonbox intelligent building controllers with Pyxos I/O. The relay module has relays for control of 4 individual sunblind or window motors.

This extension module adds output relays to a Lonbox building automation controller. Functionality is depending on the controller used with the module.

Several modules can be placed on the 3-wire Pyxos remote I/O bus to add motor control I/O to a single controller. The number of I/O modules are specified by the controller.

This remote I/O module is specifically designed for use with two room solutions and provides I/O for two motors for each room. The motor supply voltage is divided in two sections allowing for use of individual supply groups either on room basis or functionality basis.

The relays are rated for use with 230V installation but can also be used to simply substitute button controls on motors with build-in controllers.

Output connections:

- 2 * 230 V ac power supply input
- 4*2 Relay outputs for motor



Technical Data

Group	Name	Detail
General	Description	Remote I/O for 4-channel motor
	Dimensions	180 x 180 x 60 mm
	Enclosure material	ABS
	EMC Immunity	61000-6-3
	EMC Emission	61000-6-2
	RoHS, WEEE	Yes
Remote I/O	Supply input	24 V dc combined with control signal
	Remote I/O cable	Maximum 100 meter free topology
	Communication	3-wire remote hi power Pyxos at 384 kHz
Outputs	Digital relay outputs	8 (in pairs of two)
	Digital output effect	Maximum 4 A pr. output
	Relay protection	Relay protection and noise reduction by RC 110 ohm 100 nF
	Relay technical data	IEC 61810, 16A, 250VAC, $\cos\phi=1$, 85°C, breaking capacity max. 4000VA
Ordering	Model name	Lonbox PYX7040
	GTIN / EAN code	5711536000468

Connection Diagram Example

