Modular switch range – Push Button

www.diginet.net.au

Master

Slave

Wall plate
not included

Range

Master	DGOZ-MOSW-M-PB	
Slave	DGOZ-MOSW-S-PB	

Overview

Modular tactile push-button switches for the RAPIX Lighting Control System which fit in standard Australian wall plate apertures.

The push button switches are available as Master or Slave mechanisms. Master switches connect to a RAPIX eHub and each Master is capable of being connected to five Slave switches.

Switches can be configured in RAPIX software to perform a wide range of functions and each module (Masters and Slaves) includes two software configurable LED indicator colours, white and warm white

The optional clear button cap on each switch allows the installer to print custom labels via standard inkjet or laser printers (labelling sheets available from Diginet).

Features

Two configurable LED colours, white and amber

Fits standard Australian wall plate apertures

Master RAPIX modular switches connect to the eHub and are powered via the eHub

Slave RAPIX modular switches connect to a master and are powered via the master

Typical switch functions include

- Toggle on / off
- Fade lights up or down
- Start or cancel a timer
- Recall a fixed level
- Toggle between off and the current level
- Issue a scene

All commissioning is carried on via Diginet RAPIX software suite. The configuration is downloaded to the eHub via a DALI line.

Typical Applications

Commercial buildings
Boardrooms

Education facilities
Residential buildings

Connecting to the eHub

Each master RAPIX modular switch is supplied with the following patch leads.

eHub to RJ-45 patch lead

Master RAPIX modular switch to RJ-45 patch lead

These two patch leads are used in conjunction with standard Cat5/Cat5e cable and RJ-45 connectors to connect master RAPIX modular switches in the eHub.   See the pictures and diagram on the following page.

eHub patch lead connections
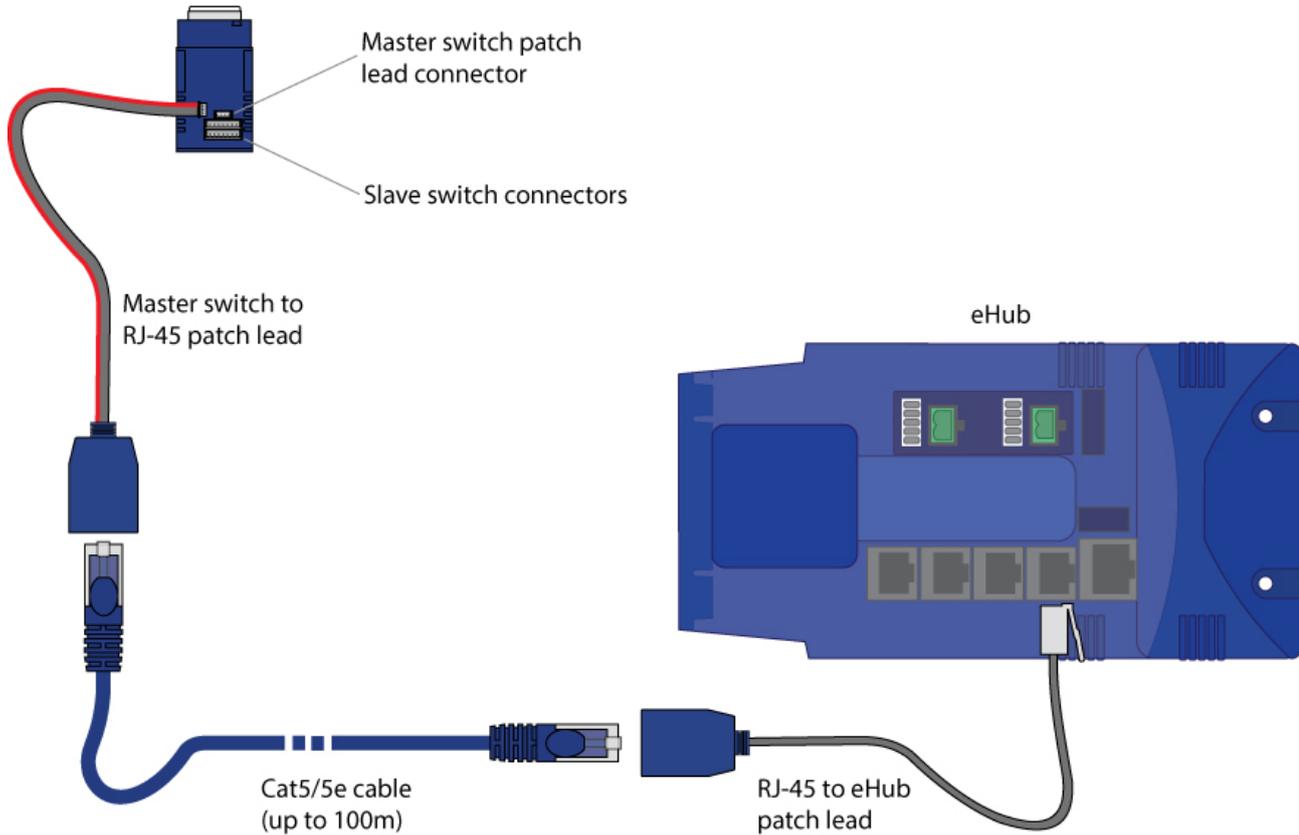
Connection between a master RAPIX modular switch and RJ-45 patch lead

Connection between the eHub and RJ-45 patch lead

Connections from the eHub to a master RAPIX modular switch

The diagram below shows the connections between the eHub and a master RAPIX modular switch.
The maximum distance between a master RAPIX modular switch and the eHub is 100m.

Connecting masters to slaves

Slave RAPIX modular switches connect directly to masters. Slaves have an integrated flying lead with a male connector. Masters have matching female sockets.
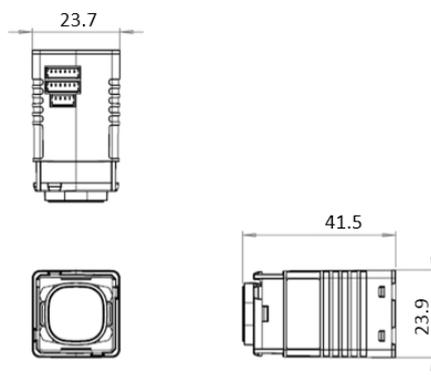

Connection between a master and slave RAPIX modular switch

Specifications

Parameter	Specification		
Available types	Push Button Master Rocker Master Rotary Master	Push Button Slave Rocker Slave Rotary Slave	
LED colours	Master and slave RAPIX modular switches include both white and amber LED indicators. The operation of these LEDs and LED colours is configured in the RAPIX software tools		
Number of slaves which can be connected to a master	**Master switch type**	**Slave push / rocker switches**	**Slave rotary switches**
	Push Button	Up to 5	N/A
	Rocker	Up to 5	N/A
	Rotary	N/A	1
Maximum distance between a master and eHub	100m		
Maximum distance between a master and a connected slave	100mm (via pre-terminated slave cable)		
IP Rating	IP20		
Approvals			

Dimensions

Master

23.7
41.5
23.9

Slave

23.7
20.6
23.9
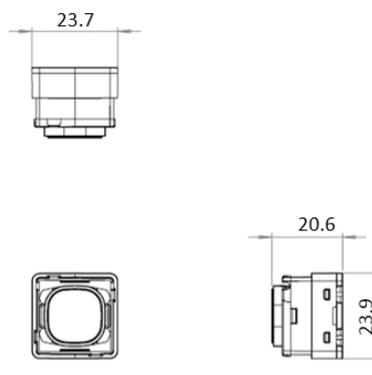
Approvals & Compliance

IP20

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