

SWITCH & LAMP MODULE

The Switch and Lamp Module is an ideal application for a student's introduction to the digital input/output bus on our range of Microprocessor and Micro-Controller trainers.

Eight large Light Emitting Diodes (LEDs) are used to monitor the output status of the 8 bits of Port 2 of the micro-trainers digital I/O bus. These Red, Yellow and Green LEDs are arranged in a pattern to simulate two sets of traffic lights and pedestrian crossing giving the student an example of a real application.

Similarly eight robust slide switches are used to set the input status of the 8 bits of Port 1 to a high (1) or low (0).

The switch and lamp module has a 40-way connector, which is directly pin compatible with the digital I/O connectors of Z80-DATS, KAYCOMP II, 8086-DATS, 8051-DATS, C5X-DATS, 877-DATS PL-DATS and ARM7S-TB.

With an adaptor cable it can be plugged into the MC11-DATS. The switch and lamp module can also be used in conjunction with a digital I/O card installed in a PC.

A acrylic base ensures a ridged structure and rubber feet are fitted for stability on the bench.

I/O UNIT (2 mm)

The I/O Unit allows students direct, easy, access to the digital input/output bus on our range of Microprocessor and Micro-Controller trainers.

A clearly marked 5 x 8 matrix of 2mm sockets facilitates a quick, rugged method of connecting the users own applications to the I/O bus.

The I/O unit has a 40 way connector, which is pin compatible with the digital I/O connectors of Z80-DATS, KAYCOMP II, 8086-DATS, 8051-DATS, C5X-DATS, 877-TB, PL-DATS and ARM7S-TB.

With an adaptor cable it can be plugged into the MC11-DATS. The I/O unit can also be used in conjunction with the digital I/O card installed in a PC.

An acrylic base ensures a ridged structure and rubber feet are fitted for stability on the bench.

Ordering Codes:

Switch & Lamp module.....SW-LP MOD

I/O Unit (2mm).....I/O UNIT

A storage box is available to hold up to 2 of the SW-LP MOD or 2 of the I/O UNIT

Storage box..... STOR-AC-1

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