CEM 1017 FLIP-FLOP RELAY PCB ISS-1

This PCB changes the state of the relay by the ACTION of a SINGLE PUSH button (voltage free contacts).

be operated from a 12V - 15V DC supply at about 200mA. The power supply input to the unit is via 12V A/C transformer at about 300mA rating. It can also

RELAY CONTACTS

NC = NORMALLY CLOSED NO = NORMALLY OPEN COM = COMMON

P1 is the 12V A/C input and P2 is the 12V - 15V DC input. Observe polarity here on P2

a push button or the relay. The push button is normally open contact. (not supplied) P4 is the remote LED indicator output. The LED Anode This input point has to be a voltage free source. (relay contact or push button P3 is the trigger input and must be operated from voltage free contacts

connected to the - input (short leg). is connected to the + input (long leg) and the cathode (K) is

This is for remote observation of the relay.

P5 is the relay output, and the normal contacts are provided

The pcb size is 80mm x 50mm The pcb has 4 mounting holes on a 60mm x 41mm centers

F1 is provided with a 5x20mm fuse holder and rated at 3 Amps

Toggling the TRIG input will change the sate of the relay.

D8 is the on board LED relay indicator. (LED on = relay on

(RED LED OPTIONAL)

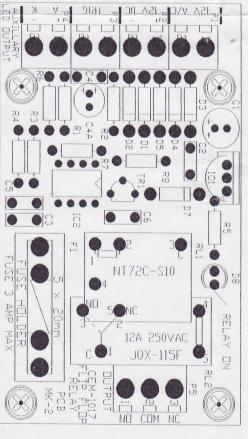
AC IN

DC N

TRIG IN

REM LED OUTPUT

PCB LAYOUT



Although the relay contacts are rated at 10 Amps, a fuse holder is provided with a 3 amp rated fuse

Should the input to the TRIG require long wires, a 2 core plus screened cable is needed, and the screen is connected to DC negative terminal.

PLEASE NOTE R4 AND C4A ARE NOT FITTED