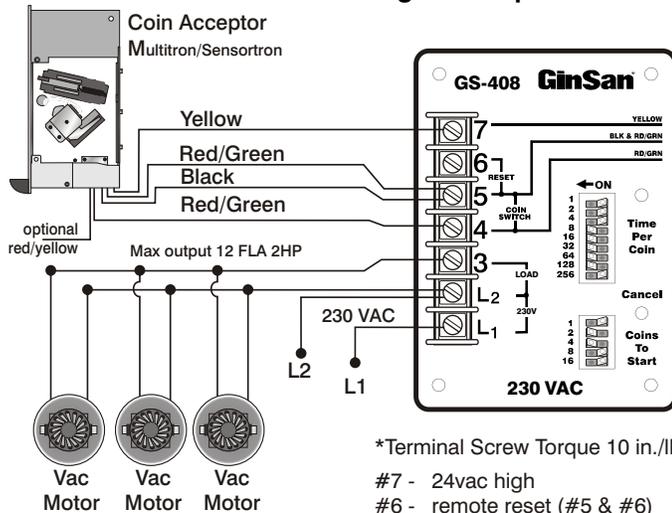# TECHNICAL SHEET

877.785.1897

GS-408 Timer Accumulating
Wiring Instructions & Technical Information on
Vacuum Applications 230 Volts

GS-408 Timer Wiring Hook-Up

Coin Acceptor
Multitron/Sensortron

Yellow
Red/Green
Black
Red/Green

optional red/yellow

Max output 12 FLA 2HP

230 VAC

L2   L1

Vac Motor   Vac Motor   Vac Motor

GS-408 GinSan
230 VAC

*Terminal Screw Torque 10 in./lbs.

#7 - 24vac high
#6 - remote reset (#5 & #6)
#5 - 24vac low
#4 - coin switch
#3 - 230vac load 12FLA 2HP
#2 - 230vac
#1 - 230vac

*Hook up wire must be min. 60°C

Setting the *COIN to START* Switch

The *Coins to Start* is determined by adding the total number of switches in the "On" position.

Example: 1+2 = 3 coins to start

COINS TO START

Starting the Timer

Jump a wire between terminals #4 and #5. A count will register in the timer for every jump, which is the same as putting coins in the coin acceptor

If Timer Fails to Start

Disconnect the switch wire on terminal #5 and repeat starting procedure.

If timer starts at this point, the trouble may be...

1. A bad coin switch or acceptor.
2. Broken wire or bad connection.
3. Wires shorted between terminals #4 and #5 or shorted between #5 and #6.

Timer Starts on One Less Coin than Setting

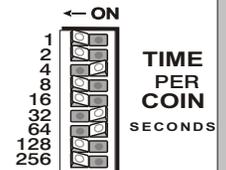Coin switch wired wrong (should be wired to normally open terminal & common terminal).

Setting the *TIME PER COIN* Switch

Determine amount of coins to start the timer.
Example: 3 coins to start

Convert time desired to seconds.
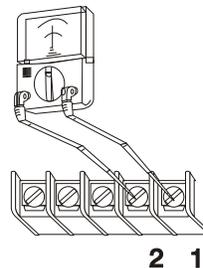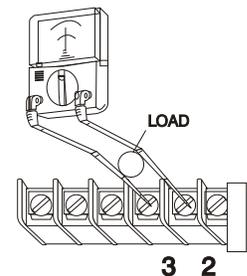**Example:** 5 min. = 300 seconds

TIME PER COIN SECONDS

Divide the total time (seconds) by the coins to start the timer.
Example: 300 sec. / 3 = 100 seconds per coin

The *Time Per Coin* is determined by adding the total seconds of the switches in the "On" position. If for instance, the desired time is 100 seconds.

Checking Power Out to Motors

A load of no less than .5 amps has to be hooked across terminals #2 and #3, to indicate time turning on. Without a load on the timer, it may not turn on or shut off. A volt meter across terminals #2 and #3 will indicate timer turning on and read output voltage. Check amp draw of motors using a clamp-on type amp meter.
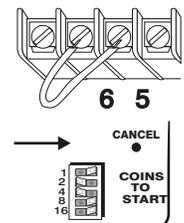

LOAD

3 2

Checking Power to Timer

Using a volt meter across terminals 1 and 2 will indicate incoming voltage.

2 1

Stopping the Timer

Use a jumper wire and touch across terminals #5 and #6. Or Press the Cancel button.

6 5

CANCEL

COINS TO START

If Timer will Not Stop

All time switches are in the off position.