

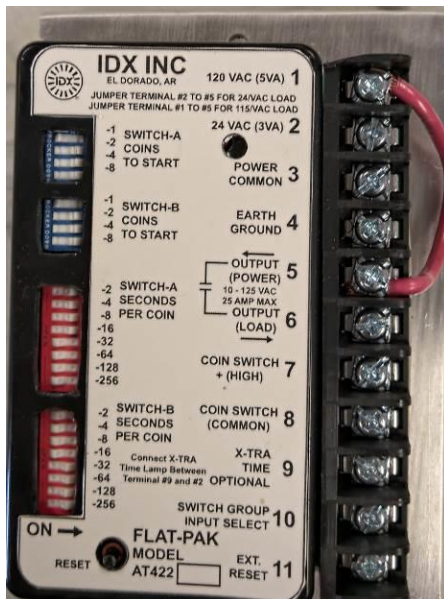
Models AT422-L-R-X

ACCUMULATING TWO TIMER

FOR BAYS, VACUUMS AND COMBO VACUUMS



The New IDX AT422 series of accumulating DUAL timers can be used in Combo Vacuums or bays. Built into one enclosure; TWO "COINS TO START" SETTINGS, PLUS TWO "TIME PER COIN" settings. The AT422 accumulating two-timer allows one time to control multiple variations of usage.



FEATURES:

- WILL CALCULATE THE REMAINING TIME DIFFERENCE INSTANTLY, SWITCHING FROM TIMER #1 (GROUP A) TO TIMER #2 (GROUP B)
- 1 TO 15 COINS TO START (SWITCH GROUP A AND B)
- ACCUMULATES TIME PER COIN (FOR BOTH GROUPS A AND B)
- SELECT GROUP A OR GROUP B WITH NORM OPEN SWITCH
- TWO (2) HEAVY DUTY 25 AMP SRC OUTPUTS
- OPERATE WITH 120VAC or 24VAC POWER
- ACCEPTS 256 COIN INPUTS WITHOUT RESETTING
- SELECT COIN TIME FROM 2 SECONDS TO 8.50 MINUTES PER COIN
- AT422-L - LAST COIN ALERT STARTS AT THE LAST 32 SECONDS
- AT422-X - "X-TraTime" 20 SECONDS CONTINUATION TO ADD 1 or MORE COIN TO RESTART TIMER

OPTIONAL MODELS

- AT422- R - EXTERNAL RESET
- AT424- 220 VOLT VERSION

EXAMPLE #1

UP GRADE FRAGRANCE / VACUUM COMBO'S WITH DIFFERENT COSTS AND TIMES AS THE SWITCH IS MOVED BETWEEN PRODUCTS.

EXAMPLE #2

CAR WASH EQUIPT WITH AN IDX TWO TIMER COULD OFFER SPECIALS RATES FOR NIGHT TIMES, WEEKDAYS OR SPECIALS DAYS LIKE ½ PRICE TUESDAY. PRICING MIGHT BE \$1.50 FOR 4 MIN FROM 6:00 AM TO 9:00 PM AND \$1.00 FOR 4 MIN FROM 9:01 PM TO 5:59 AM WITH OUT HAVING SOMEONE ON SITE TO CHANGE THE TIMERS.

EXAMPLE #3

THE AT422 ALLOWS DIFFERENT COMBINATION OF PRICING AND/OR TIME THAT WAS SELECT WITH THE TWO TIMER THAT ARE TIED TO DIFFERENT POSITIONS ON THE ROTARY SWITCH.

\$1.50 TO START

Soap/Wash = 4 Min		Tire Cleaner = 3 Min
Rinse = 4 Min	OR	Spot Free = 3 Min
Wax = 4 Min		Presoak = 3 Min
Foam Brush = 4 Min		

YOU COULD RUN FOAM BRUSH FOR 6 MIN AND ALL OTHER SERVICES FOR 4 MIN. (OR ANY TIME YOU CHOOSE).

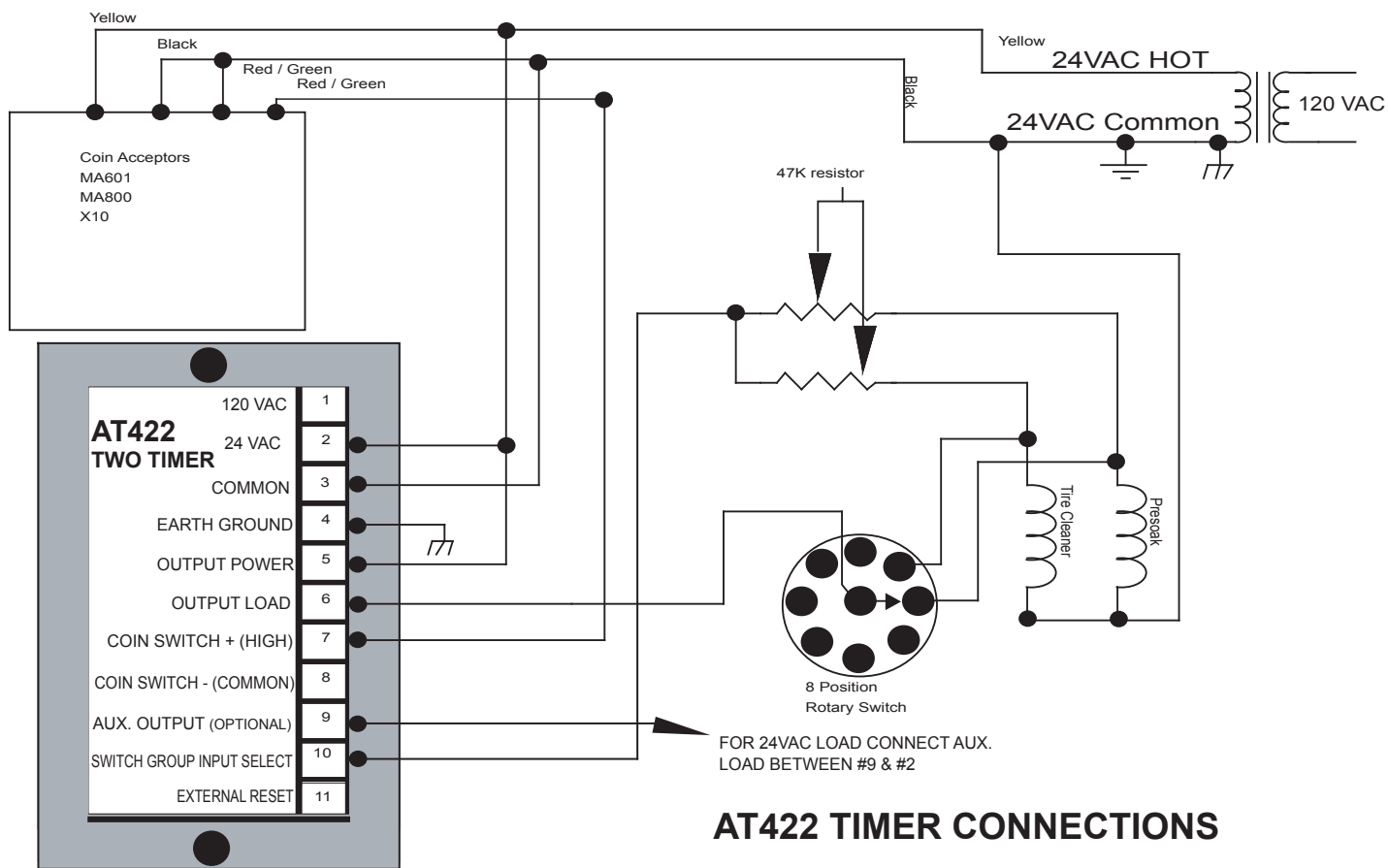
EXAMPLE #4

RUN 3 MOTOR / 2 MOTOR VACUUM AT 2 DIFFERENT PRICES.

2 VAC MOTORS = \$0.75 3.5 MIN
3 VAC MOTORS = \$1.00 3.5 MIN

EXAMPLE #5

RUN FOAM BRUSH AT THE SAME START PRICE AS THE HIGH PRESSURE WAND CYCLES WITH TWICE THE TIME (See Wiring on back).



TIME GROUP:
 A = 30 sec. per quarter
 B = 1 minute per quarter

ACCEPTOR CONNECTIONS

ACCEPTOR	AT422
YELLOW	TERMINAL #2
BLACK	TERMINAL #8 or #3
RED/GREEN	TERMINAL #7
RED/GREEN	TERMINAL #8 or #3

AT422 TIMER CONNECTIONS

JUMPER TERMINAL #2 TO #5 FOR 24VAC LOAD
 JUMPER TERMINAL #1 TO #5 FOR 120VAC LOAD

TERMINAL #1	120VAC
TERMINAL #2	24VAC
TERMINAL #3	POWER COMMON
TERMINAL #4	EARTH GROUND
TERMINAL #5	INPUT FOR OUTPUT POWER
TERMINAL #6	OUTPUT LOAD 24 / 120VAC (CONNECT LOAD BETWEEN TERMINAL #6 AND POWER COMMON TERMINAL #3)
TERMINAL #7	COIN SWITCH + (HIGH)
TERMINAL #8	COIN SWITCH - (COMMON)
TERMINAL #9	"X-Tra Time" LAMP OR LAST COIN ALERT (CONNECT "X-Tra Time" LAMP BETWEEN TERMINAL #9 & #2)
TERMINAL #10	INPUT SELECT: SWITCH GROUP A or GROUP B

CAUTION: If this device is to be used with a motor load, an external overload protection device, such as the IDX-FT external fuse, must be used in accordance with state and local codes.

1. SWITCH GROUP A ("SW1" AND "SW3") WILL WORK IF TERMINAL #10 IS CONNECTED TO TERMINAL #8.
2. SWITCH GROUP B ("SW2" AND "SW4") WILL WORK IF TERMINAL #10 IS NOT CONNECTED.
3. SWITCH LOAD #1 OR LOAD #2 WITH DPDT SWITCH.

TERMINAL #11 EXTERNAL RESET: CONNECT #11 TO #3 TO RESET TIMER