

Example 5.6

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Tank 28 Age Clock

Clock start/stop

0000

T-28 Age Clock
Start

T28_CLK_STT

B3/105

T-28 Age Clock
Stop

T28_CLK_STP

B3/106

T-28 Age Clock
running

T28_CLK_RUN

B3/107

T-28 Age Clock
running

T28_CLK_RUN

B3/107

T-28 Age Clock one
minute tic

TIC_TMR/DN

T4:8/DN

T-28 Age Clock one
minute tic

TIC_TMR

TON

Timer On Delay

Timer

Time Base

Preset

Accum

T4:8

1.0

60<

0<

T-28 age minutes

T-28 Age Clock one
minute tic

TIC_TMR/DN

T4:8/DN

T-28 Age Clock
minute counter

T28_MN_CTR

CTU

Count Up

Counter

Preset

Accum

C5:1

60<

0<

0001

T-28 age hours

T-28 Age Clock
minute counter

T28_MN_CTR/DN

C5:1/DN

T-28 Age Clock
hour counter

T28_HR_CTR

CTU

Count Up

Counter

Preset

Accum

C5:2

24<

0<

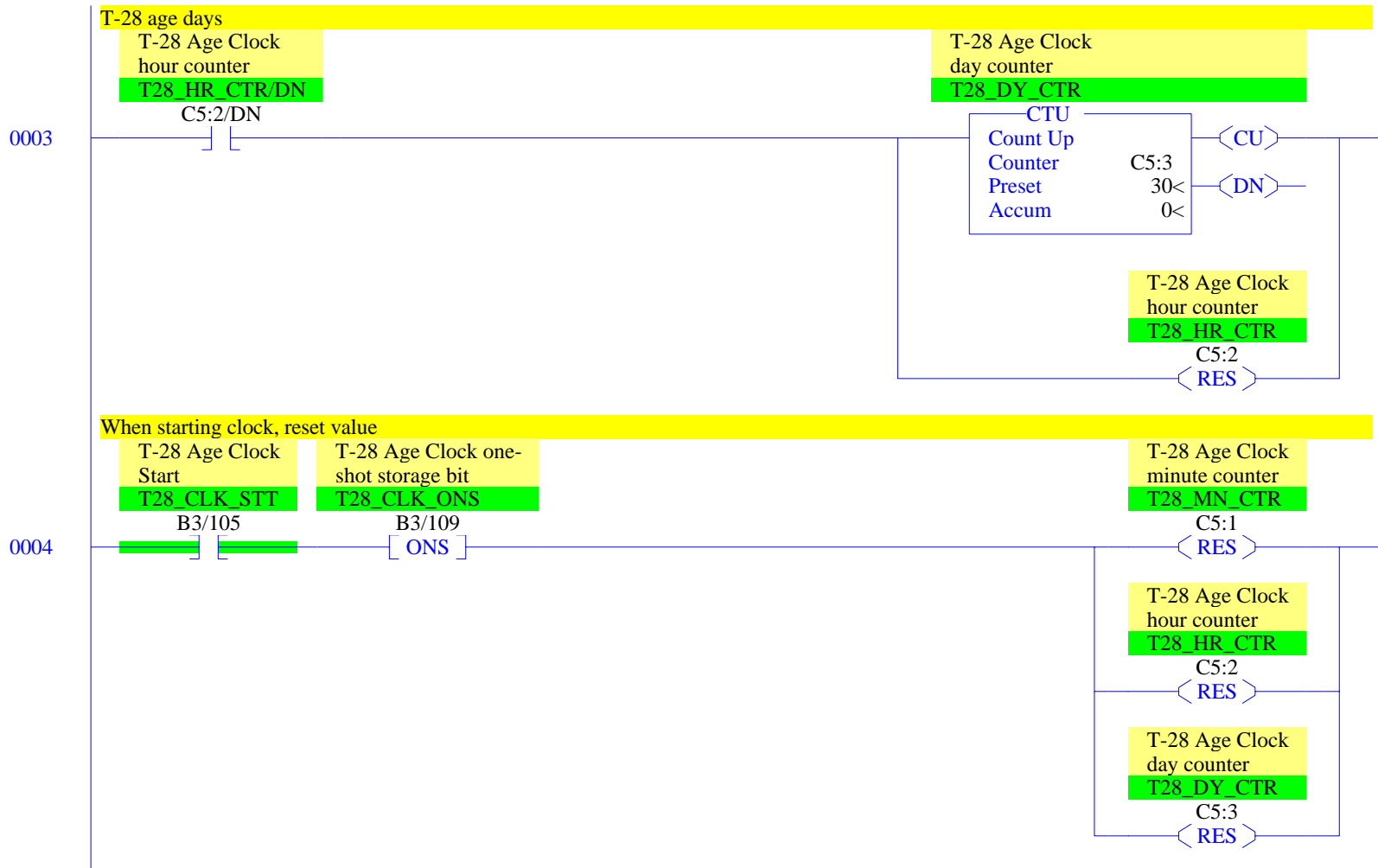
0002

T-28 Age Clock
minute counter

T28_MN_CTR

C5:1

RES



Move clock counter accumulator values into proper places

T-28 Age Clock -
Minutes

T28_MIN

MOV

Move
Source C5:1.ACC
0<
Dest N7:45
0<

T-28 Age Clock -
Hours

T28_HR

MOV

Move
Source C5:2.ACC
0<
Dest N7:46
0<

T-28 Age Clock -
Days

T28_DAY

MOV

Move
Source C5:3.ACC
0<
Dest N7:47
0<

END