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Timers Setup Example

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Revision History

Name	Date	Reason For Changes	Version
MDH	7-Jul-10	Initial document	0.1

Contents

1. General Information **Error! Bookmark not defined.**
2. Setup **Error! Bookmark not defined.**

1. PC Setup

Set timers proc with a tick and timers period 0000-00-00 00:00:30

Activ...	Timers ...	Timers Period	Ma...
zAct 1	✓	0000-00-00 00:00:30	0
		yyyy-mm-dd hh:mm:ss	0
		yyyy-mm-dd hh:mm:ss	0

2. Timers

1. Set T reload to the time in seconds for the timer EG 20 seconds or 1200(20 Min)
2. Set the T Event T N S V X A. this will be the event when the timer eventually times out. If the timer will never time out set the event to the same as the C event
3. Set the C event . this is the event that is triggered every time the timer cycles
4. Set c Reload. Number of pre-set time-out cycles. 0 is not cycle, -1 is endless cycle.
5. Configure the rep and tg for Evn,log,dis and sys_24Hr

Name	Status	Satus DT	T Reload	T Rem...	T DT	C Remain	TriggerEvent	T Event	C Event	C Reload	C Done	StartRep	StartTg	StopRep	StopTg	CycliRep	Cycl...	Tout
1 Test	Timed-out	2011/10/...	1	1	2011/1...	0	t1 n1 s22 x2 v0 a1	t1 n1 s22 x3	t1 n1 s22 x1	10	10	Evn,L...	Sys_1_24hr	Evn,L...	Sys...	Evn,L...	Sys...	Evn...
2 zT2	Stopped		0	0		0				0	0							
3 zT3	Stopped		0	0		0				0	0							

3. General setup

Enter a value if needed in start timers after in seconds

4. Event

See the example

Where V is the time to reload -2 do not reload but continue from current time out -3 is reload the timer with the reload value, any other number greater than 0 will specify the reload value

X is the amount of cycles, -3 is to use the cycles set up else any positive value will specify the cycles.

EVENT X

Event Name

Algorithm

PC	Program	Type	System Item	Status	Value	Xref	Alarm	Z1	Z2	Z3
Resolve	SCS_Client	Timer	Test	Timer Start	1	10	0	0	0	0

EVENT TRIGGERS

Ref
10

Reader	zRD 01	Entered	0	2	0	0	0
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