this routine stores waveform cycle data for ch1,only need 150 points with time base at 10msec

0

Start_Sample

GRT
Greater Than (A>B)
Source A Local:2:I.Data[0]
-1390
Source B 1

ch1 weight

reset_once
ONS

MOV
Move
Source 0
Dest index
1001

Log_Enable
L

Start_Sample
U

1

Log_Enable

TON
Timer On Delay
Timer timer1
Preset 1
Accum 0

EN
DN

2

timer1.DN

MOV
Move
Source Local:2:I.Data[0]
-1390
Dest DataOut[index]
??

ADD
Add
Source A index
1001
Source B 1
Dest index
1001

GRT
Greater Than (A>B)
Source A index
1001
Source B 1000

Log_Enable
U

timer1
RES

(End)

this routine stores gradient values for ch1,only need 150 for 10msec time base

0

Start_Sample2

GRT
Greater Than (A>B)
Source A Local:2:I.Data[1]
-29036
Source B 1

ch2 weight

reset_once2
ONS

MOV
Move
Source 0
Dest index2
1001

log_once2
L

Start_Sample2
U

1

log_once2

TON
Timer On Delay
Timer timer2
Preset 1
Accum 0

EN
DN

2

timer2.DN

MOV
Move
Source Local:2:I.Data[1]
-29036
Dest DataOut2[index2]
??

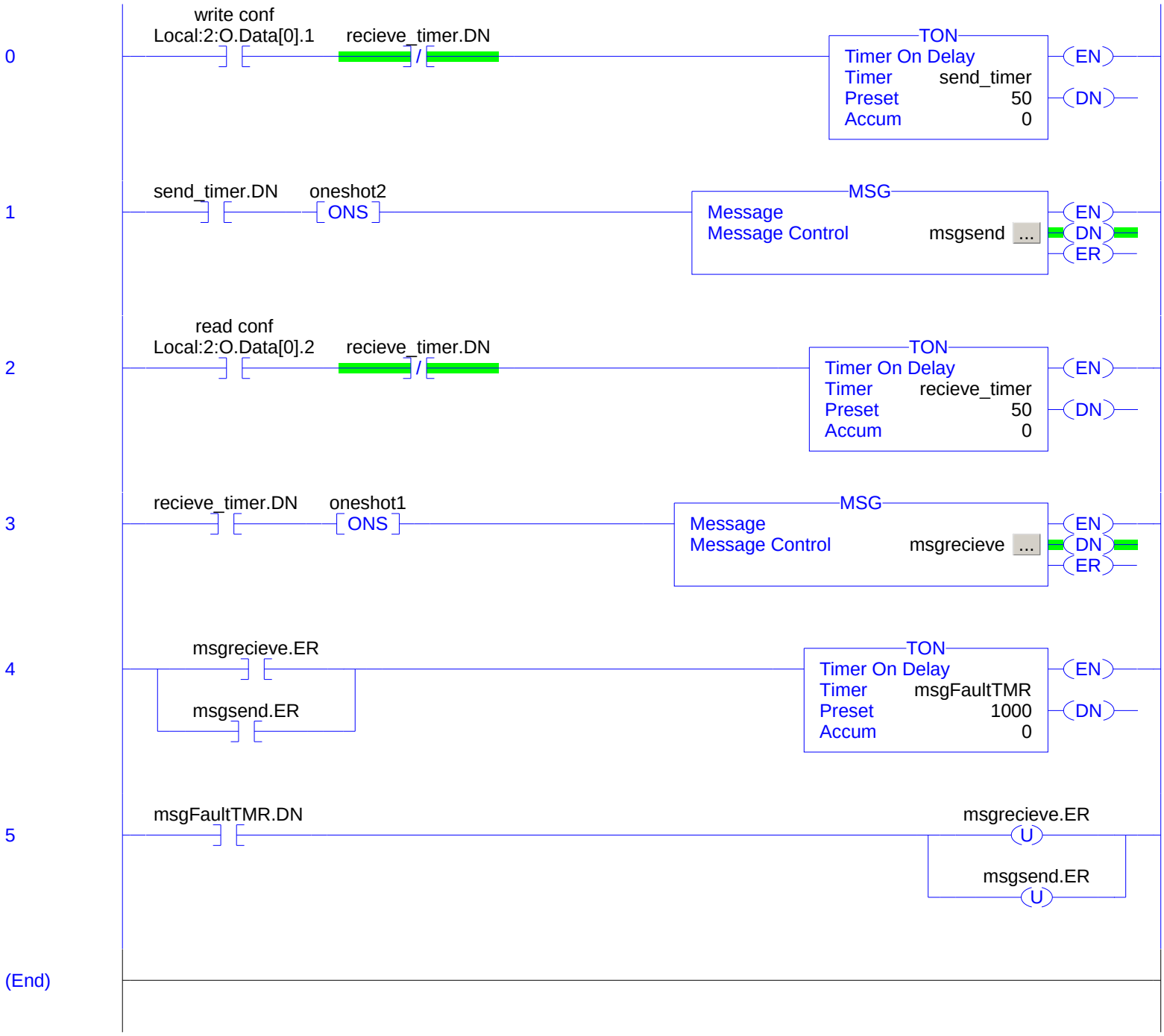
ADD
Add
Source A index2
1001
Source B 1
Dest index2
1001

GRT
Greater Than (A>B)
Source A index2
1001
Source B 1000

log_once2
U

timer2
RES

(End)


0
write conf
Local:2:O.Data[0].1
recieve_timer.DN
TON
Timer On Delay
Timer send_timer
Preset 50
Accum 0
EN
DN
1
send_timer.DN
oneshot2
ONS
MSG
Message
Message Control msgsend ...
EN
DN
ER
2
read conf
Local:2:O.Data[0].2
recieve_timer.DN
TON
Timer On Delay
Timer recieve_timer
Preset 50
Accum 0
EN
DN
3
recieve_timer.DN
oneshot1
ONS
MSG
Message
Message Control msgrecieve ...
EN
DN
ER
4
msgrecieve.ER
msgsend.ER
TON
Timer On Delay
Timer msgFaultTMR
Preset 1000
Accum 0
EN
DN
5
msgFaultTMR.DN
msgrecieve.ER
U
msgsend.ER
U
(End)