

# Instrumentation Tools

Totally Integrated  
Automation Portal

## DLY\_SENS\_SIG / PLC\_1 [CPU 315-2 PN/DP] / Program blocks

### CALL DLY ON [FC1]

#### CALL DLY ON Properties

##### General

|                  |             |               |   |             |    |                 |     |
|------------------|-------------|---------------|---|-------------|----|-----------------|-----|
| <b>Name</b>      | CALL DLY ON | <b>Number</b> | 1 | <b>Type</b> | FC | <b>Language</b> | STL |
| <b>Numbering</b> | Manual      |               |   |             |    |                 |     |

##### Information

|                |                     |                        |  |                |  |               |  |
|----------------|---------------------|------------------------|--|----------------|--|---------------|--|
| <b>Title</b>   | Call Delay On Timer | <b>Author</b>          |  | <b>Comment</b> |  | <b>Family</b> |  |
| <b>Version</b> | 0.1                 | <b>User-defined ID</b> |  |                |  |               |  |

#### CALL DLY ON

| Name        | Data type | Offset | Default value | Comment |
|-------------|-----------|--------|---------------|---------|
| Input       |           |        |               |         |
| Output      |           |        |               |         |
| InOut       |           |        |               |         |
| ▼ Temp      |           |        |               |         |
| Contact     | Bool      | 0.0    |               |         |
| Constant    |           |        |               |         |
| ▼ Return    |           |        |               |         |
| CALL DLY ON | Void      |        |               |         |

#### Network 1: ONE\_SEC\_CLK\_PULS

```

0001      AN      "ONE_SEC_CLK_BIT"
0002      FR      "ONE_SEC_TIMR"
0003      L       S5T#1S
0004      SD      "ONE_SEC_TIMR"
0005      A       "ONE_SEC_TIMR"
0006      =       "ONE_SEC_CLK_BIT"
    
```

#### Network 2: On Delay Timer

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```
0001      A      "LVL_SW_(1) "  
0002      =      #Contact  
0003  //-----  
0004      L      2  
0005      T      "DB_DLY_ON".DelayOn[0]  
0006  //-----  
0007      CALL   "ONDLY-TMR"  
0008          CONTACT-IN    :=#Contact  
0009          PULSE         :="ONE_SEC_CLK_BIT"  
0010          DELAY-SET      :="DB_DLY_ON".DelayOn[0]  
0011          DELAY-COUNTER :="DB_DLY_ON".DelayOn[1]  
0012          CONTACT-OUT   :="LVL_SW_OUT_(1) "  
0013
```

## Network 3: On Delay Timer

```
0001      A      "LVL_SW_(2) "  
0002      =      #Contact  
0003  //-----  
0004      L      3  
0005      T      "DB_DLY_ON".DelayOn[2]  
0006  //-----  
0007      CALL   "ONDLY-TMR"  
0008          CONTACT-IN    :=#Contact  
0009          PULSE         :="ONE_SEC_CLK_BIT"  
0010          DELAY-SET      :="DB_DLY_ON".DelayOn[2]  
0011          DELAY-COUNTER :="DB_DLY_ON".DelayOn[3]  
0012          CONTACT-OUT   :="LVL_SW_OUT_(2) "  
0013  
0014
```

## Network 4: On Delay Timer

```
0001      A      "LVL_SW_(3) "  
0002      =      #Contact  
0003  //-----
```

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```
0004      L      5
0005      T      "DB_DLY_ON".DelayOn[4]
0006  //-----
0007      CALL   "ONDLY-TMR"
0008          CONTACT-IN      :=#Contact
0009          PULSE           :="ONE_SEC_CLK_BIT"
0010          DELAY-SET       :="DB_DLY_ON".DelayOn[4]
0011          DELAY-COUNTER  :="DB_DLY_ON".DelayOn[5]
0012          CONTACT-OUT    :="LVL_SW_OUT_(3) "
0013
```

## Network 5: On Delay Timer

```
0001      A      "LVL_SW_(4) "
0002      =      #Contact
0003  //-----
0004      L      2
0005      T      "DB_DLY_ON".DelayOn[6]
0006  //-----
0007      CALL   "ONDLY-TMR"
0008          CONTACT-IN      :=#Contact
0009          PULSE           :="ONE_SEC_CLK_BIT"
0010          DELAY-SET       :="DB_DLY_ON".DelayOn[6]
0011          DELAY-COUNTER  :="DB_DLY_ON".DelayOn[7]
0012          CONTACT-OUT    :="LVL_SW_OUT_(4) "
0013
```

## Network 6: On Delay Timer

```
0001      A      "LL_TEMP_ALRM_(1) "
0002      =      #Contact
0003  //-----
0004      L      4
0005      T      "DB_DLY_ON".DelayOn[8]
0006  //-----
0007      CALL   "ONDLY-TMR"
```

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```
0008 CONTACT-IN :=#Contact
0009 PULSE :="ONE_SEC_CLK_BIT"
0010 DELAY-SET :="DB_DLY_ON".DelayOn[8]
0011 DELAY-COUNTER :="DB_DLY_ON".DelayOn[9]
0012 CONTACT-OUT :="LOW_TEMP_ALRM_OUT_(1) "
0013
```

## Network 7: On Delay Timer

```
0001 A "LL_TEMP_ALRM_(2) "
0002 = #Contact
0003 //-----
0004 L 4
0005 T "DB_DLY_ON".DelayOn[10]
0006 //-----
0007 CALL "ONDLY-TMR"
0008 CONTACT-IN :=#Contact
0009 PULSE :="ONE_SEC_CLK_BIT"
0010 DELAY-SET :="DB_DLY_ON".DelayOn[10]
0011 DELAY-COUNTER :="DB_DLY_ON".DelayOn[11]
0012 CONTACT-OUT :="LOW_TEMP_ALRM_OUT_(2) "
0013
```

## Network 8: On Delay Timer

```
0001 A "LL_TEMP_ALRM_(3) "
0002 = #Contact
0003 //-----
0004 L 2
0005 T "DB_DLY_ON".DelayOn[12]
0006 //-----
0007 CALL "ONDLY-TMR"
0008 CONTACT-IN :=#Contact
0009 PULSE :="ONE_SEC_CLK_BIT"
0010 DELAY-SET :="DB_DLY_ON".DelayOn[12]
0011 DELAY-COUNTER :="DB_DLY_ON".DelayOn[13]
```

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```
0012 CONTACT-OUT := "LOW_TEMP_ALARM_OUT_(3) "  
0013
```

## Network 9: On Delay Timer

```
0001 A "LL_TEMP_ALARM_(4) "  
0002 = #Contact  
0003 //-----  
0004 L 5  
0005 T "DB_DLY_ON".DelayOn[14]  
0006 //-----  
0007 CALL "ONDLY-TMR"  
0008 CONTACT-IN := #Contact  
0009 PULSE := "ONE_SEC_CLK_BIT"  
0010 DELAY-SET := "DB_DLY_ON".DelayOn[14]  
0011 DELAY-COUNTER := "DB_DLY_ON".DelayOn[15]  
0012 CONTACT-OUT := "LOW_TEMP_ALARM_OUT_(4) "  
0013
```

## Network 10: On Delay Timer

```
0001 A "HIGH_PRESS_ALARM_(1) "  
0002 = #Contact  
0003 //-----  
0004 L 4  
0005 T "DB_DLY_ON".DelayOn[16]  
0006 //-----  
0007 CALL "ONDLY-TMR"  
0008 CONTACT-IN := #Contact  
0009 PULSE := "ONE_SEC_CLK_BIT"  
0010 DELAY-SET := "DB_DLY_ON".DelayOn[16]  
0011 DELAY-COUNTER := "DB_DLY_ON".DelayOn[17]  
0012 CONTACT-OUT := "HIGH_PRESS_ALARM_OUT_(1) "  
0013
```

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## Network 11: On Delay Timer

```
0001      A      "HIGH_PRESS_ALARM_(2) "  
0002      =      #Contact  
0003 //-----  
0004      L      3  
0005      T      "DB_DLY_ON".DelayOn[18]  
0006 //-----  
0007      CALL   "ONDLY-TMR"  
0008      CONTACT-IN    :=#Contact  
0009      PULSE          :="ONE_SEC_CLK_BIT"  
0010      DELAY-SET      :="DB_DLY_ON".DelayOn[18]  
0011      DELAY-COUNTER :="DB_DLY_ON".DelayOn[19]  
0012      CONTACT-OUT   :="HIGH_PRESS_ALARM_OUT_(2) "  
0013
```

## Network 12: On Delay Timer

```
0001      BE  
0002
```