

Configuration Micro830

The detailed description of the configuration goes here

Resource Micro830

(* *)

Status: Readable, Modifiable, Deletable

The resource defines 45 variable(s).

Variable _IO_EM_DO_00

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyer_01

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.0

Variable _IO_EM_DO_01

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyer_02

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.1

Variable _IO_EM_DO_02

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyer_03

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.2

Variable _IO_EM_DO_03

(* *)

Direction: VarDirectlyRepresented

Alias: Conveyer_04

Data type: BOOL

Attribute: Read/Write

Direct variable (Channel): %QX0.0.3

Variable _IO_EM_DO_04

(* *)

Direction: VarDirectlyRepresented
Alias: Pusher_motor_01
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.4

Variable _IO_EM_DO_05

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher_dir_01
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.5

Variable _IO_EM_DO_06

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher_motor_02
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.6

Variable _IO_EM_DO_07

(* *)
Direction: VarDirectlyRepresented
Alias: Pusher_dir_02
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.7

Variable _IO_EM_DO_08

(* *)
Direction: VarDirectlyRepresented
Alias: Milling_machine
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.8

Variable _IO_EM_DO_09

(* *)
Direction: VarDirectlyRepresented
Alias: Drilling_machine
Data type: BOOL
Attribute: Read/Write
Direct variable (Channel): %QX0.0.9

Variable _IO_EM_DI_00

(* *)

Direction: VarDirectlyRepresented

Alias: Photo_sensor_1

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.0

Variable _IO_EM_DI_01

(* *)

Direction: VarDirectlyRepresented

Alias: Photo_sensor_2

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.1

Variable _IO_EM_DI_02

(* *)

Direction: VarDirectlyRepresented

Alias: Photo_sensor_3

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.2

Variable _IO_EM_DI_03

(* *)

Direction: VarDirectlyRepresented

Alias: Photo_sensor_4

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.3

Variable _IO_EM_DI_04

(* *)

Direction: VarDirectlyRepresented

Alias: Photo_sensor_5

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.4

Variable _IO_EM_DI_05

(* *)

Direction: VarDirectlyRepresented

Alias: F_Limit_Pusher_1

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.5

Variable _IO_EM_DI_06

(* *)

Direction: VarDirectlyRepresented

Alias: R_Limit_Pusher_1

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.6

Variable _IO_EM_DI_07

(* *)

Direction: VarDirectlyRepresented

Alias: F_Limit_Pusher_2

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.7

Variable _IO_EM_DI_08

(* *)

Direction: VarDirectlyRepresented

Alias: R_Limit_Pusher_2

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.8

Variable _IO_EM_DI_09

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.9

Variable _IO_EM_DI_10

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.10

Variable _IO_EM_DI_11

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.11

Variable _IO_EM_DI_12

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.12

Variable _IO_EM_DI_13

(* *)

Direction: VarDirectlyRepresented

Data type: BOOL

Attribute: Read

Direct variable (Channel): %IX0.1.13

Variable __SYSVA_CYCLECNT

(* Cycle counter *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_CYCLEDATE

(* Timestamp of the beginning of the cycle in milliseconds (ms) *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_KVBERR

(* Kernel variable binding producing error (production error) *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read

Variable __SYSVA_KVBCERR

(* Kernel variable binding consuming error (consumption error) *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read/Write

Variable __SYSVA_RESNAME

(* Resource name (max length=255) *)

Direction: VarGlobal

Data type: STRING

Attribute: Read

Variable __SYSVA_SCANCNT

(* Input scan counter *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_TCYCYCTIME

(* Programmed cycle time *)

Direction: VarGlobal

Data type: TIME

Attribute: Read/Write

Variable __SYSVA_TCYCURRENT

(* Current cycle time *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_TCYMAXIMUM

(* Maximum cycle time since last start *)

Direction: VarGlobal

Data type: TIME

Attribute: Read

Variable __SYSVA_TCYOVERFLOW

(* Number of cycle overflows *)

Direction: VarGlobal

Data type: DINT

Attribute: Read

Variable __SYSVA_RESMODE

(* Resource execution mode *)

Direction: VarGlobal

Data type: SINT

Attribute: Read

Variable __SYSVA_CCEXEC

(* Execute one cycle when application is in cycle to cycle mode *)

Direction: VarGlobal

Data type: BOOL

Attribute: Read/Write

Variable __SYSVA_REMOTE

(* Remote status *)

Direction: VarGlobal

Data type: BOOL
Attribute: Read

Variable __SYSVA_SUSPEND_ID

(* Last Suspend ID *)

Direction: VarGlobal
Data type: UINT
Attribute: Read

Variable __SYSVA_TCYWDG

(* Software Watchdog *)

Direction: VarGlobal
Data type: UDINT
Attribute: Read/Write

Variable __SYSVA_MAJ_ERR_HALT

(* Major Error Halted status *)

Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_ABORT_CYCLE

(* Aborting Cycle *)

Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_FIRST_SCAN

(* First scan bit *)

Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_USER_DATA_LOST

(* User data lost *)

Direction: VarGlobal
Data type: BOOL
Attribute: Read/Write

Variable __SYSVA_POWERUP_BIT

(* Power-up bit *)

Direction: VarGlobal
Data type: BOOL
Attribute: Read

Variable __SYSVA_PROJ_INCOMPLETE

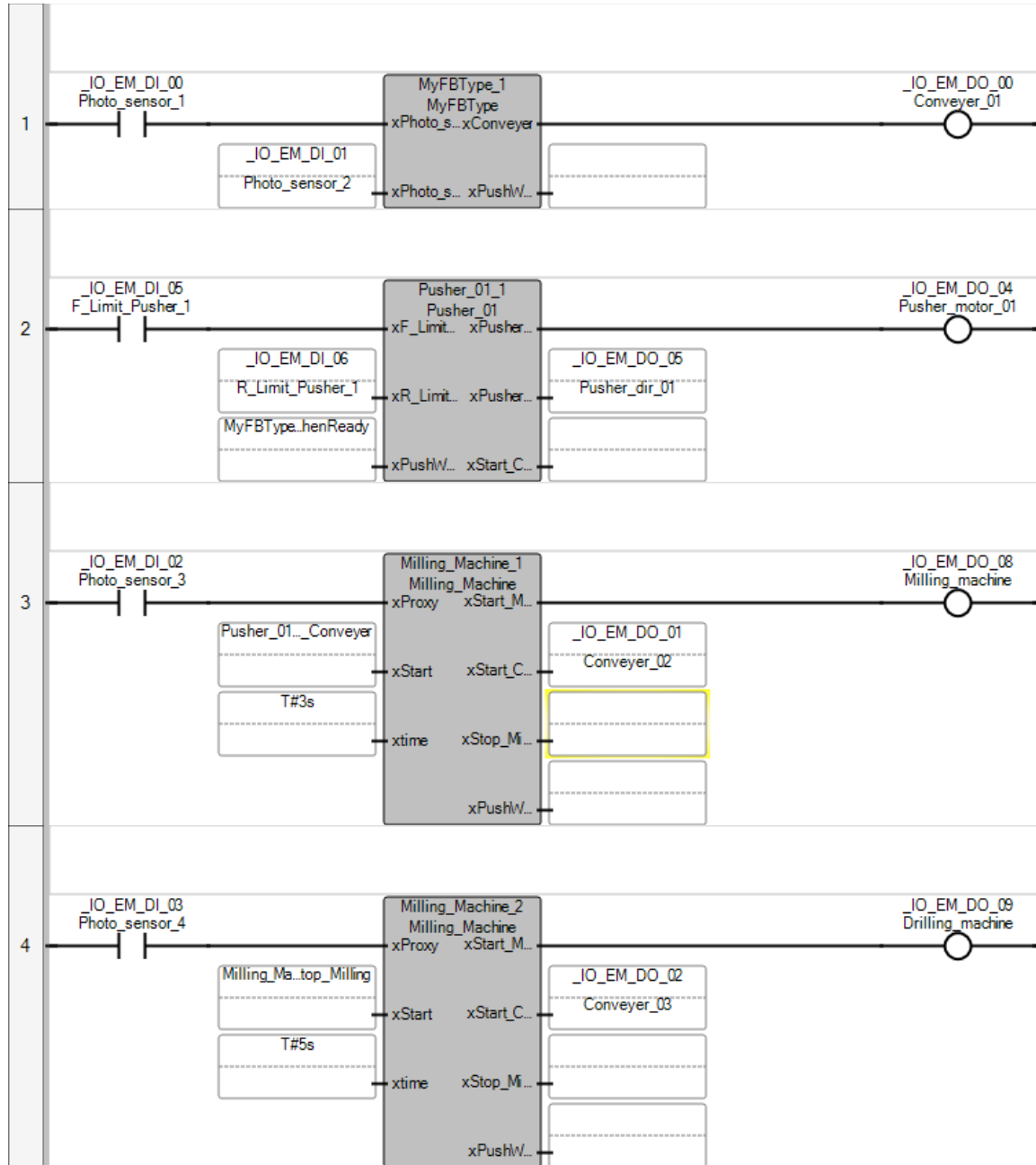
(* Project Incomplete *)

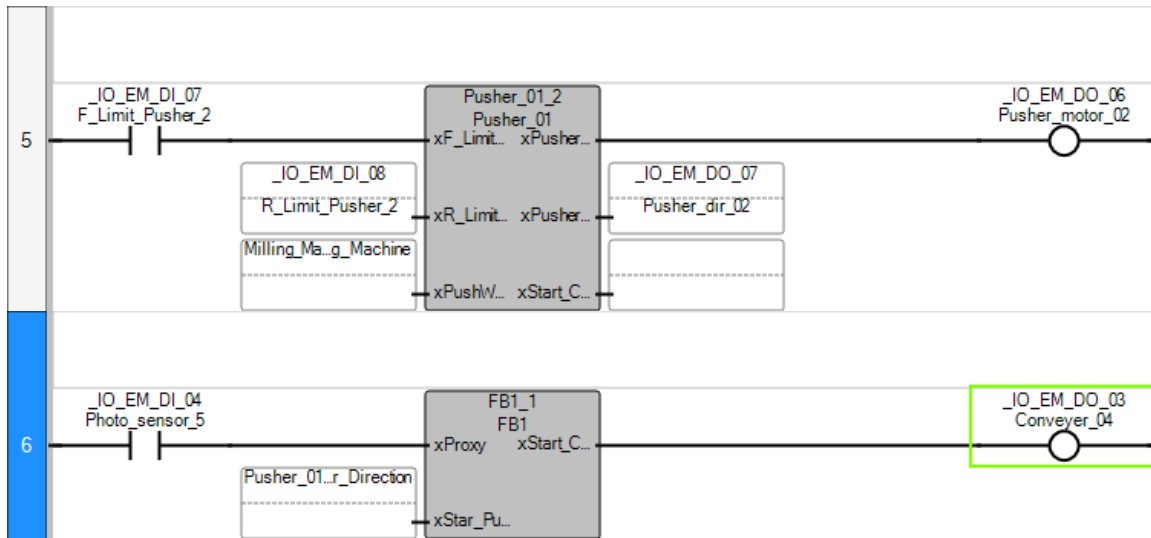
Direction: VarGlobal

Data type: UDINT

Attribute: Read

Controller.Micro830.Micro830.MainCycle





POU MainCycle

The POU defines 6 variable(s).

Variable MyFBType_1

(* *)

Direction: Var
Data type: MyFBType
Attribute: Read/Write

Variable Pusher_01_1

(* *)

Direction: Var
Data type: Pusher_01
Attribute: Read/Write

Variable Milling_Machine_1

(* *)

Direction: Var
Data type: Milling_Machine
Attribute: Read/Write

Variable Milling_Machine_2

(* *)

Direction: Var
Data type: Milling_Machine
Attribute: Read/Write

Variable Pusher_01_2

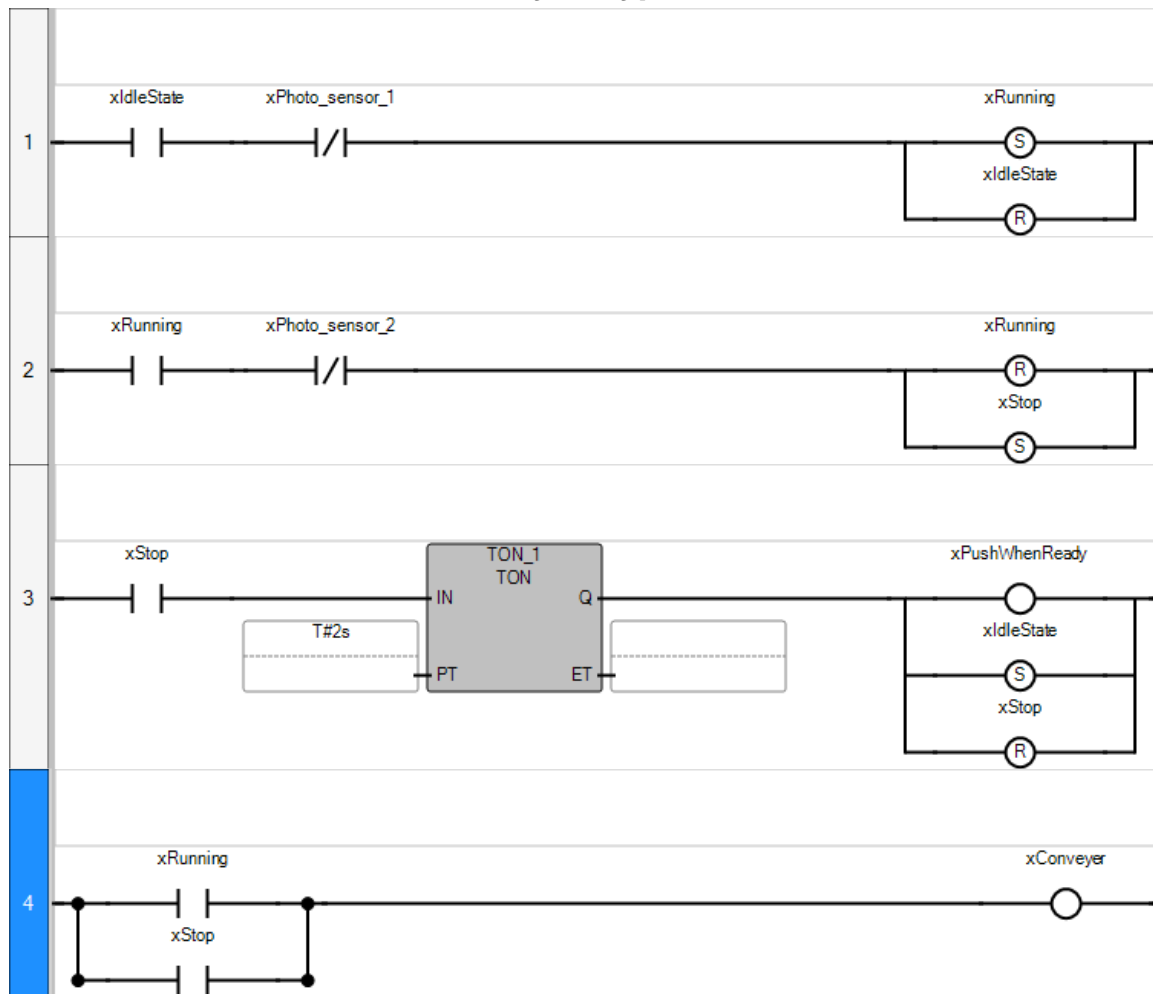
(* *)

Direction: Var
Data type: Pusher_01
Attribute: Read/Write

Variable FB1_1

(* *)
Direction: Var
Data type: FB1
Attribute: Read/Write

Controller.Micro830.Micro830.MyFBType



POU MyFBType

The POU defines 9 variable(s).

Variable xPhoto_sensor_1

(* *)
Direction: VarInput

Data type: BOOL
Attribute: Read

Variable xPhoto_sensor_2

(* *)
Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xConveyer

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xPushWhenReady

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xIdleState

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xRunning

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xStop

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

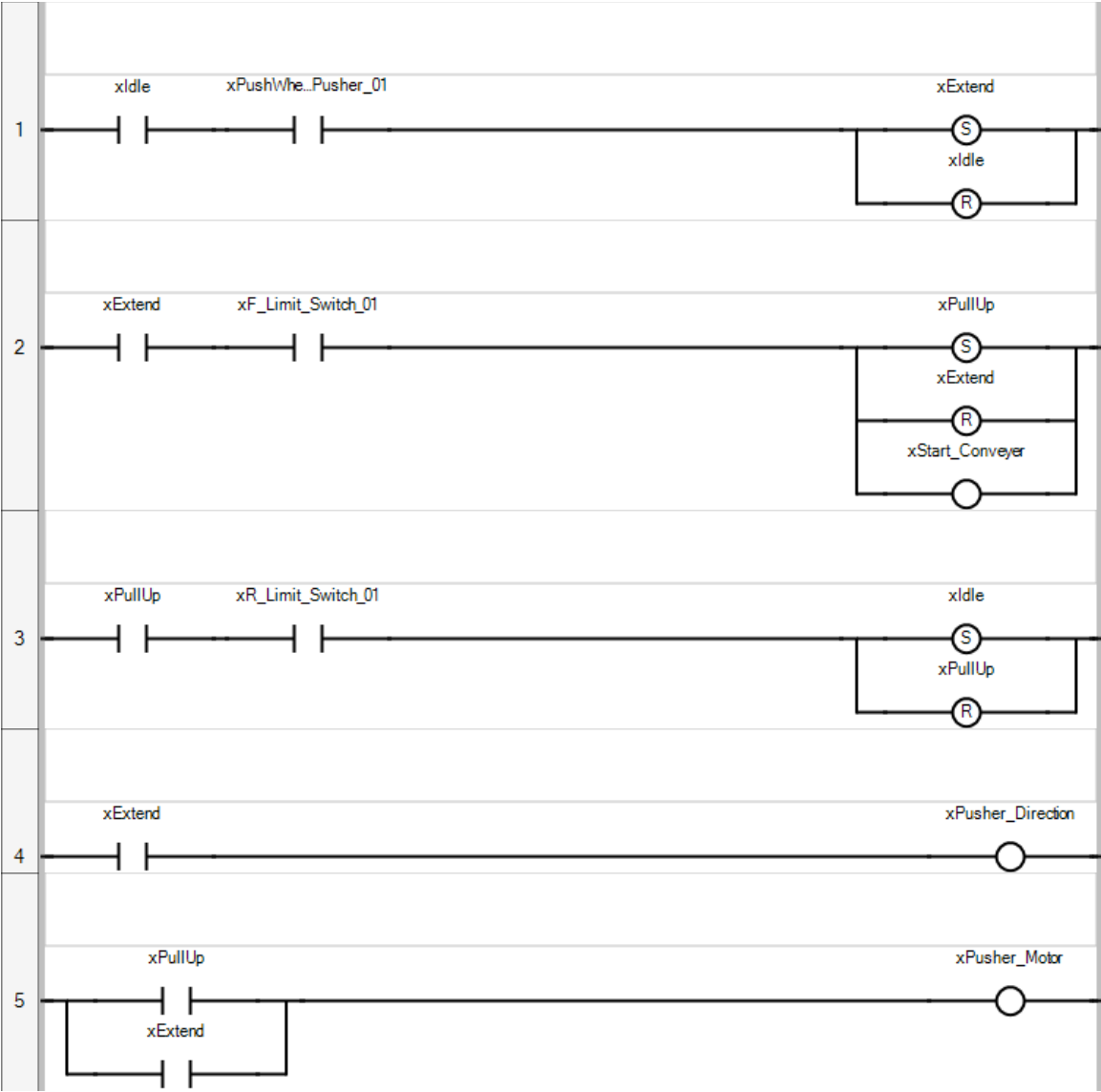
Variable TON_1

(* *)
Direction: Var
Data type: TON
Attribute: Read/Write

Variable TON1

(* *)
Direction: Var
Data type: TIME
Attribute: Read/Write

Controller.Micro830.Micro830.Pusher_01



POU Pusher_01

The POU defines 10 variable(s).

Variable xF_Limit_Switch_01

(* *)
Direction: VarInput

Data type: BOOL
Attribute: Read

Variable xR_Limit_Switch_01

(* *)
Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xPushWhenReady_Pusher_01

(* *)
Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xPusher_Motor

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xPusher_Direction

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xStart_Conveyer

(* *)
Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xPullUp

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xExtend

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

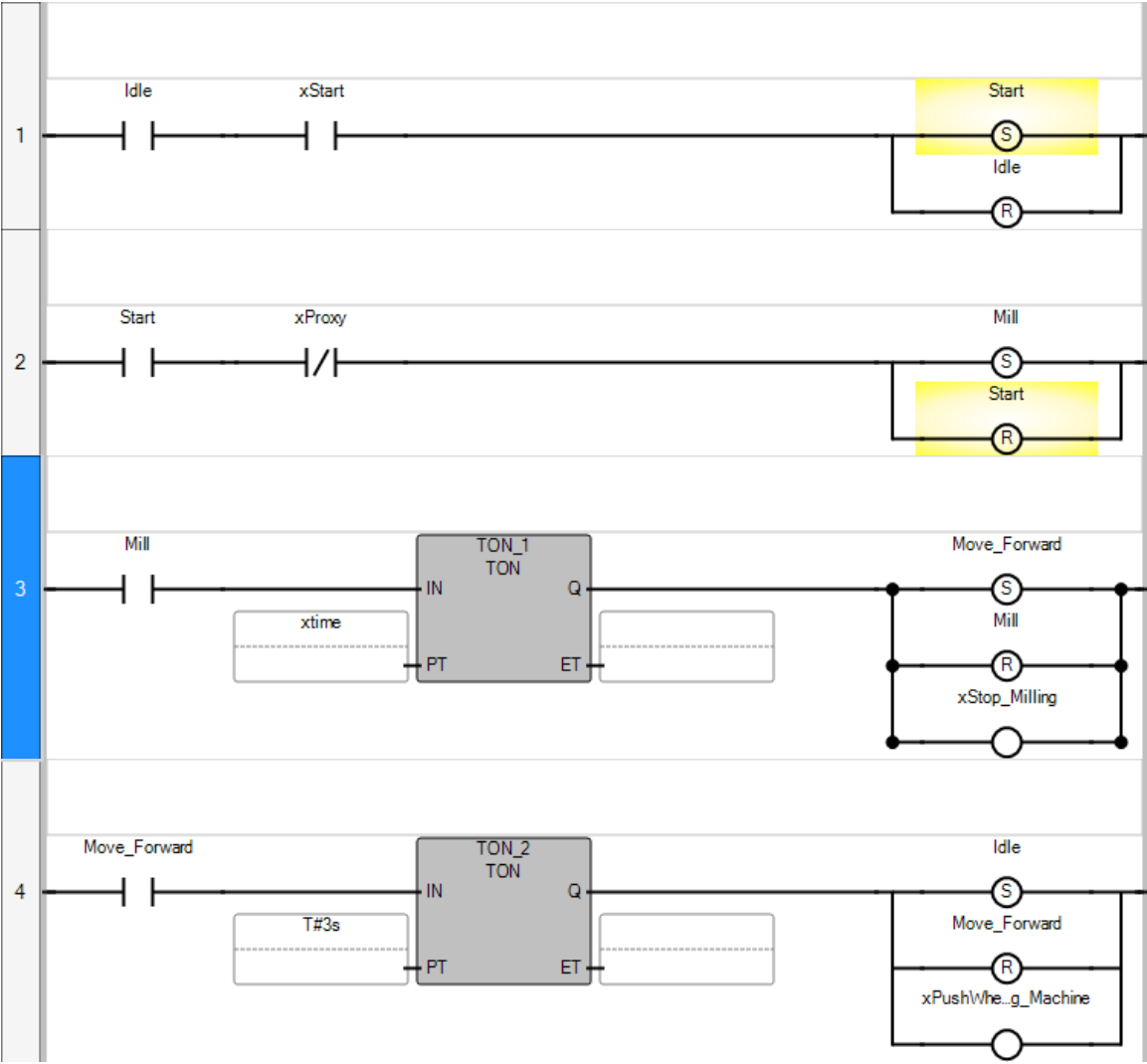
Variable xIdle

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable xRunning

(* *)
Direction: Var
Data type: BOOL
Attribute: Read/Write

Controller.Micro830.Micro830.Milling_Machine





POU Milling_Machine

The POU defines 13 variable(s).

Variable xProxy

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xStart

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xtime

(* *)

Direction: VarInput
Data type: TIME
Attribute: Read

Variable xStart_Milling

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xStart_Conveyer_Milling_Machine

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xStop_Milling

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable xPushWhenReady_Milling_Machine

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable Start

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable Idle

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable Mill

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable Move_Forward

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable TON_1

(* *)

Direction: Var
Data type: TON
Attribute: Read/Write

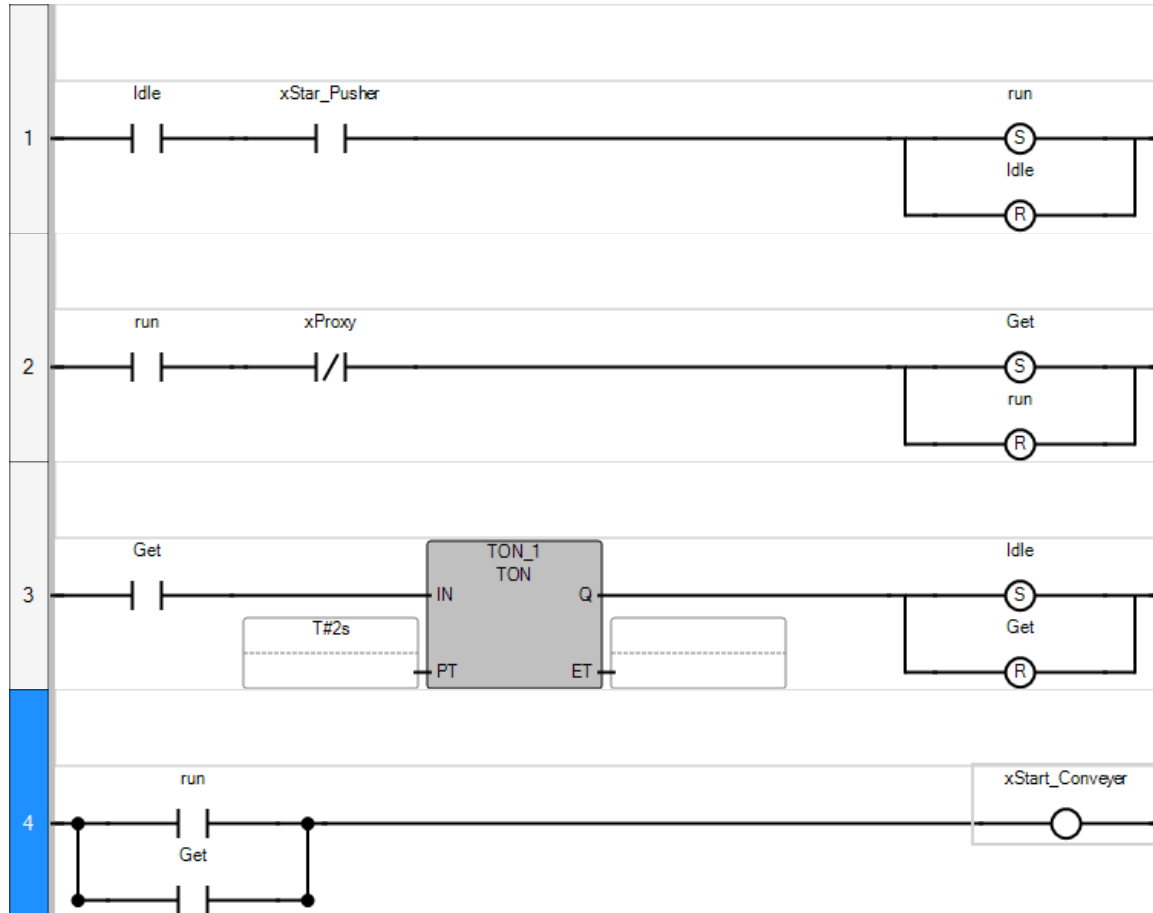
Variable TON_2

(* *)

Direction: Var

Data type: TON
Attribute: Read/Write

Controller.Micro830.Micro830.FB1



POU FB1

The POU defines 7 variable(s).

Variable xProxy

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xStar_Pusher

(* *)

Direction: VarInput
Data type: BOOL
Attribute: Read

Variable xStart_Conveyer

(* *)

Direction: VarOutput
Data type: BOOL
Attribute: Write

Variable run

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable Idle

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable Get

(* *)

Direction: Var
Data type: BOOL
Attribute: Read/Write

Variable TON_1

(* *)

Direction: Var
Data type: TON
Attribute: Read/Write