

0001PROGRAM PLC_PRG

0002VAR

0003

0004(*Dis*)

0005Start AT %IX0.6: BOOL; (*Green button on a 4-way push button, south*)

0006Stop AT %IX0.4: BOOL; (*Red button on a 4-way push button, north*)

0007Optogate AT %IX7.7: BOOL; (*Blue button*)

0008

0009(*DOs*)

0010Op_lamp AT %QX0.1: BOOL; (*Green LED*)

0011(*XIOC-16DO*)

0012Motor AT %QX4.4: BOOL; (*Green LED*)

0013

0014(*Timers*)

0015Timer_ON: TON;

0016Timer_OFF: TON;

0017

0018(*Auxilliary variables*)

0019M_latch: BOOL;

0020M_ctu: BOOL;

0021M_set: BOOL;

0022M_stop: BOOL;

0023

0024(*Counters*)

0025Counter_UP: CTU;

0026

0027(*Visualization variables*)

0028Start_visu: BOOL;

0029Stop_visu: BOOL:=TRUE;

0030Optogate_visu: BOOL;

0031

0032(*Word*)

0033wTimer_ON: WORD;

0034wTimer_ON_s: WORD;

0035wTimer_OFF: WORD;

0036wTimer_OFF_s: WORD;

0037

0038END_VAR





