artup Propei eneral ame	Startup	Number	100	Туре	ОВ	Language	LAD
mbering	Automatic	Number	100	туре	ОВ	Language	LAD
ormation							
le rsion	"Complete Restart" 0.1	Author User-defined ID	<u> </u>	Comment		Family	
	0.1	Oser defined ib					
irtup me		Data type	Default value		Comment		
Input		Data type	Delauit value		Comment		
LostRete	entive	Bool			True if retentive data a	re lost	
LostRTC		Bool			True if date and time a		
Temp							
Constant							
twork 1:							
/pisanie st	anu wejściowego dla pro	ogramu					
		1	MOVE		MOVE		
			EN - ENO		EN ENO		
			0 — IN %MW100 di OUT1 — "zmienna_stanu"	%MW102 "pamiec"	MW100 ─ IN ♣ OUT1 ─ "zmienna_stanu"		

Totally Integrated Automation Portal					
Automation Fortal	Automation Fortai	utomation Fortai	illation Fortai	Olliation Fortal	Automation Fortai

Project1 / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Main [OB1]

Main Properties										
General										
Name	Main	Number	1	Туре	ОВ	Language	LAD			
Numbering	Automatic									
Information										
		Author		Comment		Family				
	cle)"									
Version	0.1	User-defined ID								

Main										
Name	Data type Default value		Comment							
▼ Input										
Initial_Call	Bool		Initial call of this OB							
Remanence	Bool		=True, if remanent data are available							
Temp										
Constant										

Network 1:

Obsługa przycisku

```
#M50.0

*przycisk*

| P |

| MII.0.0

*zbocze_0"

#Q0.0

*WEB_OUTPU*

| P |

| MII.0.3

*zbocze_1"

#Q0.0

*WB_OUTPU*

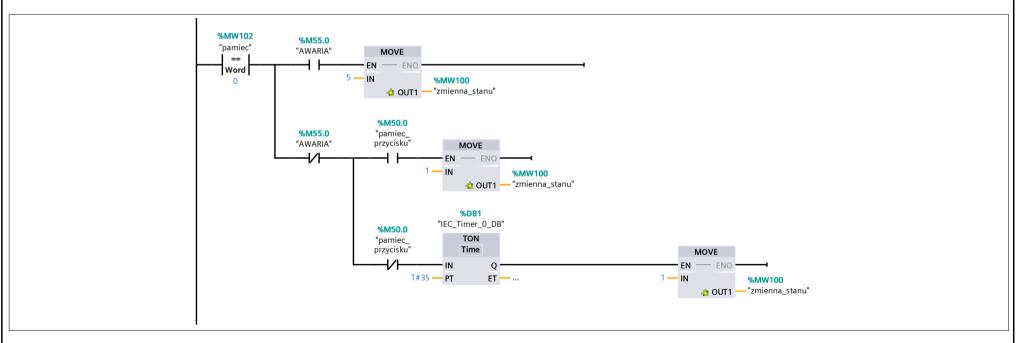
| N |

*MII.0.4

*zbocze_4"
```

Network 2: Stan 0

Stan 0 - brama otwarta



Network 3: Stan 1

Stan 1 - zamykanie bramy

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```
%MW102
               %M55.0
"pamiec"
                           MOVE
              "AWARIA"
                           EN - ENO
Word
                                        %MW100
                           - OUT1 — "zmienna_stanu"
               %M55.0
                             %M50.2
              "AWARIA"
                           "fotokomorka"
                                                         MOVE
                                                     3 — ENO — %MW100
                <del>-</del>1/1-
                                                         👍 OUT1 — "zmienna_stanu"
                              %M50.0
                             "pamiec_
przycisku"
                             %M50.2
                                             %M50.5
                            "fotokomorka"
                                            "czujnik"
                                                         MOVE
                                                         EN - ENO
                                                                      %MW100
                                                         👍 OUT1 — "zmienna_stanu"
```

Network 4: Stan 2

Stan 2 - brama zamknięta

```
#MW102

"pamiec"

"AWARIA"

To UT1

"AWM100

"AWM100

"AWARIA"

"A
```

Network 5: Stan 3

Stan 3 - otwieranie bramy

```
%MW102
              %M55.0
"pamiec"
             "AWARIA"
                         MOVE
Word
                                     %MW100
                         d OUT1 — "zmienna_stanu"
                           %M50.0
             %M55.0
"AWARIA"
                          "pamiec_
przycisku"
                                       MOVE
                                       EN - ENO
                                   4 — IN %MW100
                                       d OUT1 — "zmienna_stanu"
                           %M50.0
                                         %M50.5
                           "pamiec_
                           przycisku"
                                                    MOVE
                                                    EN - ENO
                                                0 — IN %MW100
                                                    - OUT1 — "zmienna_stanu"
```

Network 6: Stan 4

Stan 4 - STOP

```
*MW102

"pamiec"

"AWARIA"

*MOVE

EN ENO

"Zmienna_stanu"

*MM50.0

*MM50.0

*MM50.0

"pamiec_

"AWARIA"

Przycisku

*MOVE

*MW100

"Zmienna_stanu"

*MOVE

*MW100

"Zmienna_stanu"
```

Network 7: Stan 5

Stan 4 - STOP

```
Totally Integrated
  Automation Portal
                                                                                                                %10.2
                                                             %MW102
                                                                                                             "czujnik_
skladowy2"
                                                                             %M55.0
                                                                                              %M55.1
                                                             "pamiec"
                                                                             "AWARIA"
                                                                                             "PAMIEC_"
                                                                                                                            MOVE
                                                             ==
Word
                                                                               <del>-</del>//-
                                                                                                <del>-</del>|/|-
                                                                                                                            -EN - ENO
                                                                                                                        0 — IN
                                                                                                                                           %MW100
                                                                                                                                👍 OUT1 — "zmienna_stanu"
Network 8:
Ustawienie czujnika
                                                                      %10.1
                                                                    "czujnik_
skladowy1"
                                                                                                                                        %M50.5
                                                                                                                                        "czujnik"
                                                                      \dashvP\vdash
                                                                     %M10.1
                                                                    "memory_"
                                                                    %l0.2
"czujnik_
skladowy2"
                                                                      \dashvP\vdash
                                                                     %M10.2
                                                                    "memory"
Network 9:
Zmiana kierunku przesuwania bramy
                                                                     %MW100
                                                                                                                                       %Q0.5
"kierunek"
                                                                  "zmienna_stanu"
                                                                     Word
                                                                     %MW100
                                                                  %MW100 %M0.3
"zmienna_stanu" "PAMIEC_AWARII"
                                                                                                      %I0.4
"Przycisk"
Network 10:
Ustawienie kierunku
                                                                     %MW100
                                                                                                                                        %Q0.6 "start"
                                                                  "zmienna_stanu"
                                                                     Word
                                                                     %MW100
                                                                  "zmienna_stanu"
                                                                      Word
                                                                     %MW100
                                                                                       %10.4
                                                                  "zmienna_stanu"
                                                                                     "Przycisk"
                                                                     Word
Network 11:
Przypisanie zmiennej stanu (TIA i WEB)
                                                                           MOVE
                                                                                                                             MOVE
                                                                                                                             EN - ENO
                                                                                                                   %MW102 "web_page".

"pamiec" — IN ♣ OUT1 — zmienna_stanu
                                                                                 %MW102
                                                                %MW100
                                                                                                                  %MW102
                                                           "zmienna_stanu" — IN 🛕 OUT1 — "pamiec"
Network 12:
Generowanie strony
                                                                                               www
                                                                                   - EN
                                                                                                        ENO -
                                                                                                        %MW200

RET_VAL — "WEB_MEMORY"
                                                                             333 — CTRL_DB
```

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Network 13:									
Przesłanie impulsu ze strony									
	"web_page". przycisk "WEB_OUTPUT" Int								
Network 14:									
Kanał alarmowy									
	%IO.0 "Czujnik_ graniczny2" "PAMIEC_AWARII" "PAMIEC_"								

	I										
Totally Integ Automation											
Project1 / web_page		J 1214C D	C/DC/DC] / Pro	gram bloc	ks						
veb_page Prop	erties										
General											
Name	web_page	Num	ber 2		Type	D	В		Langua	age DB	
Numbering nformation	Automatic										
ntormation Fitle		Auth	or		Comment				Family	,	
Version	0.1		-defined ID		Comment				ı anınıy		
			201110212]						
web_page				<u> </u>			L	-	-	-	
Name		Data type	Start value	Retain	from HMI/OPC UA	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment	
▼ Static											
przycisk		Int	0	False	True	True	True	False			
zmienna_	stanu	Int	1	False	True	True	True	False			
czujnik_1		Bool	false	False	True	True	True	False			
czujnik_3		Bool	false	False	True	True	True	False			
czujnik_4		Bool	false	False		True		False			
AWARIA		Bool	false	False	True	True	True	False			

Totally Integrated	
Automation Portal	

Project1 / PLC_1 [CPU 1214C DC/DC/DC] / PLC tags

Default tag table [52]

PLC ta								_
N	lame	Data type	Address	Retain	Accessi- ble from HMI/OPC UA	from	Visible in Supervision HMI engi- neering	Comment
•	zbocze_0	Bool	%M10.0	False	True	True	True	
•	zmienna_stanu	Word	%MW100	False	True	True	True	
1	pamiec_przycisku	Bool	%M50.0	False	True	True	True	
1	AWARIA	Bool	%M55.0	False	True	True	True	
(1)	fotokomorka	Bool	%M50.2	False	True	True	True	
(III	czujnik	Bool	%M50.5	False	True	True	True	
(11)	Czujnik_graniczny2	Bool	%10.0	False	True	True	True	
(1)	Czujnik_graniczny1	Bool	%10.3	False	True	True	True	
1	czujnik_skladowy1	Bool	%IO.1	False	True	True	True	
•	czujnik_skladowy2	Bool	%10.2	False	True	True	True	
-	kierunek	Bool	%Q0.5	False	True	True	True	
1	start	Bool	%Q0.6	False	True	True	True	
1	Przycisk	Bool	%10.4	False	True	True	True	
(0)	pamiec	Word	%MW102	False	True	True	True	
(III	memory_	Bool	%M10.1	False	True	True	True	
	memory	Bool	%M10.2	False	True	True	True	
(III	WEB_MEMORY	Int	%MW200	False	True	True	True	
(III	WEB_OUTPUT	Bool	%Q0.0	False	True	True	True	
(III	zbocze_1	Bool	%M10.3	False	True	True	True	
1	zbocze_4	Bool	%M10.4	False	True	True	True	
TOTAL STREET	PAMIEC_AWARII	Bool	%M0.3	False	True	True	True	
•	PAMIEC_	Bool	%M55.1	False	True	True	True	