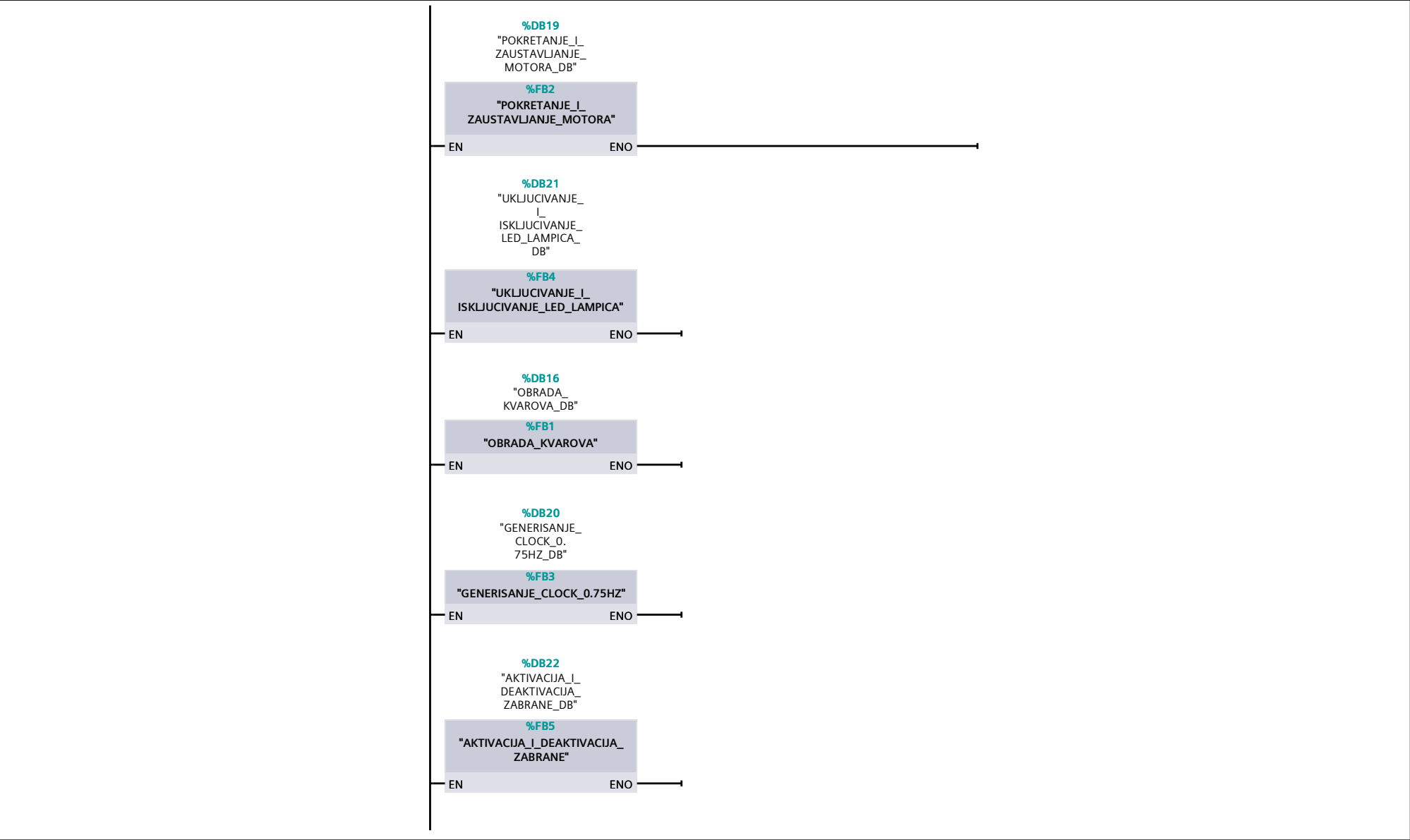


Main [OB1]

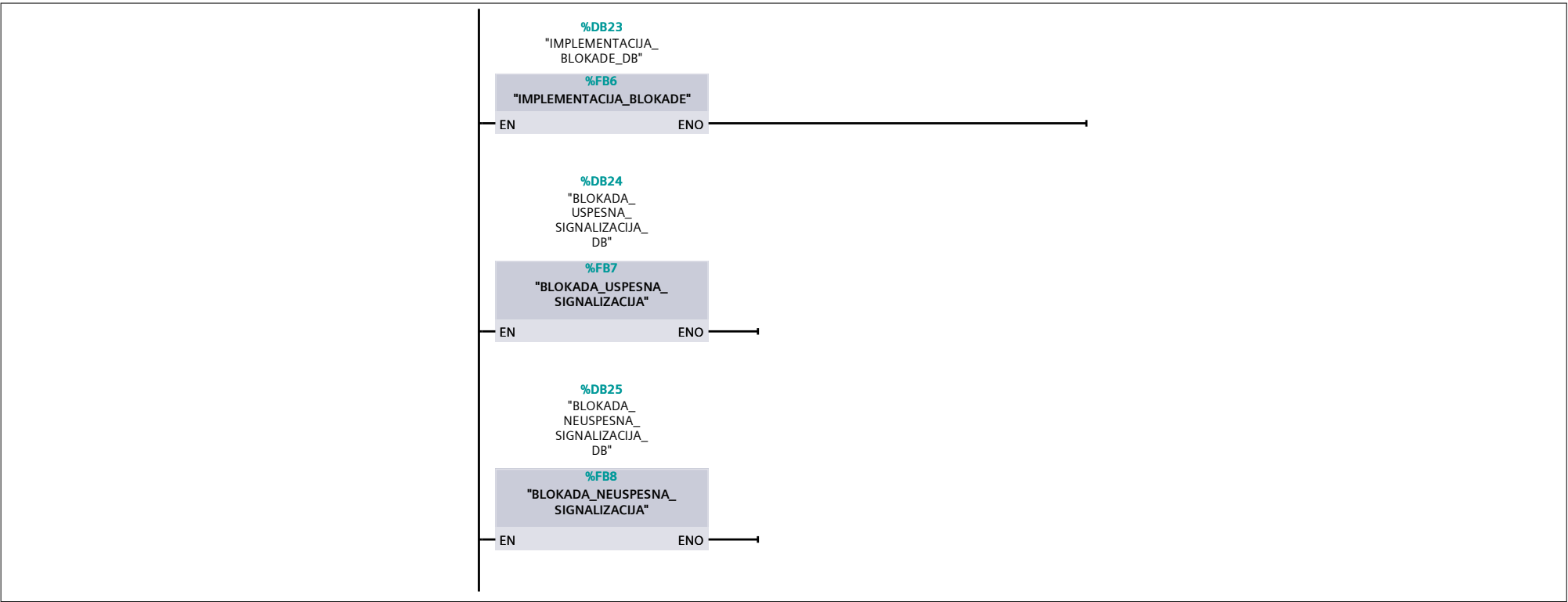
Main Properties							
General							
Name	Main	Number	1	Type	OB	Language	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

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			

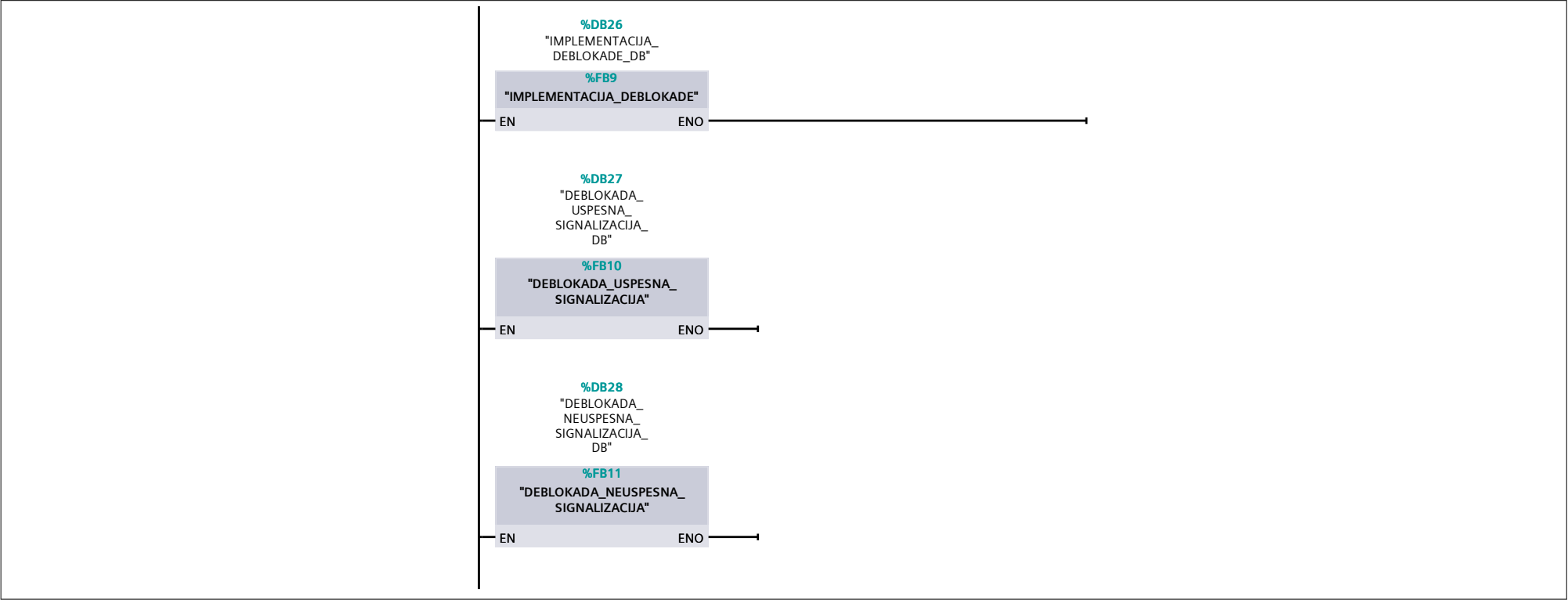
Network 1:



Network 2:



Network 3:



Startup [OB100]

Startup Properties							
General							
Name	Startup	Number	100	Type	OB	Language	LAD
Numbering	Automatic						
Information							
Title	"Complete Restart"	Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
▼ Input			
LostRetentive	Bool		True if retentive data are lost
LostRTC	Bool		True if date and time are lost
Temp			
Constant			

Network 1:

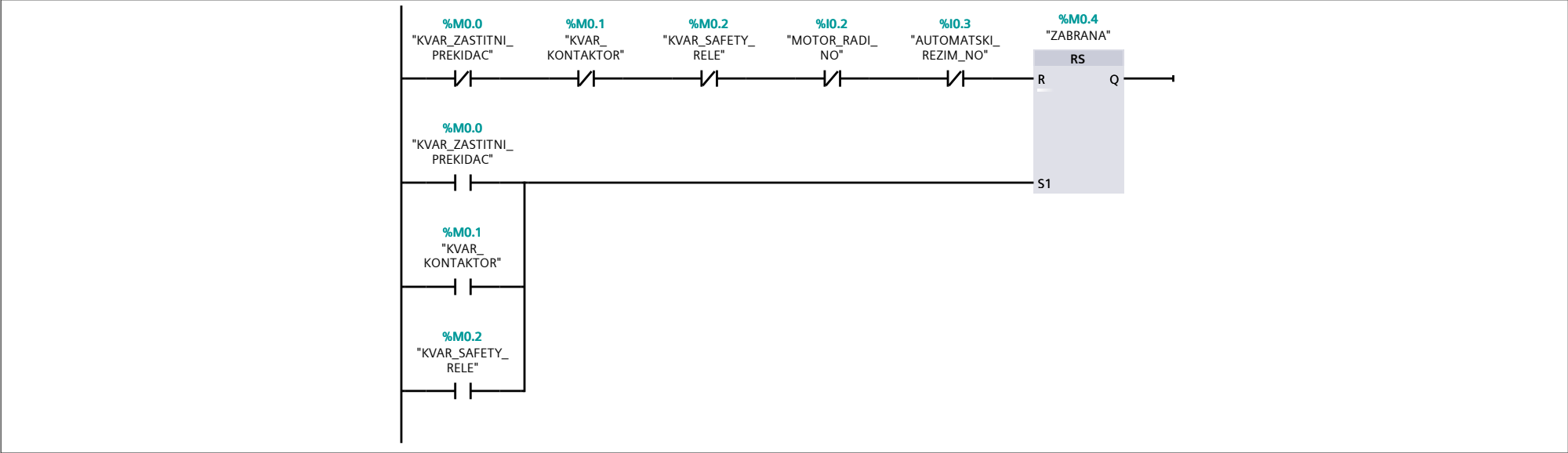


AKTIVACIJA_I_DEAKTIVACIJA_ZABRANE [FB5]

AKTIVACIJA_I_DEAKTIVACIJA_ZABRANE Properties							
General							
Name	AKTIVACIJA_I_DEAKTIVACIJA_ZABRANE	Number	5	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

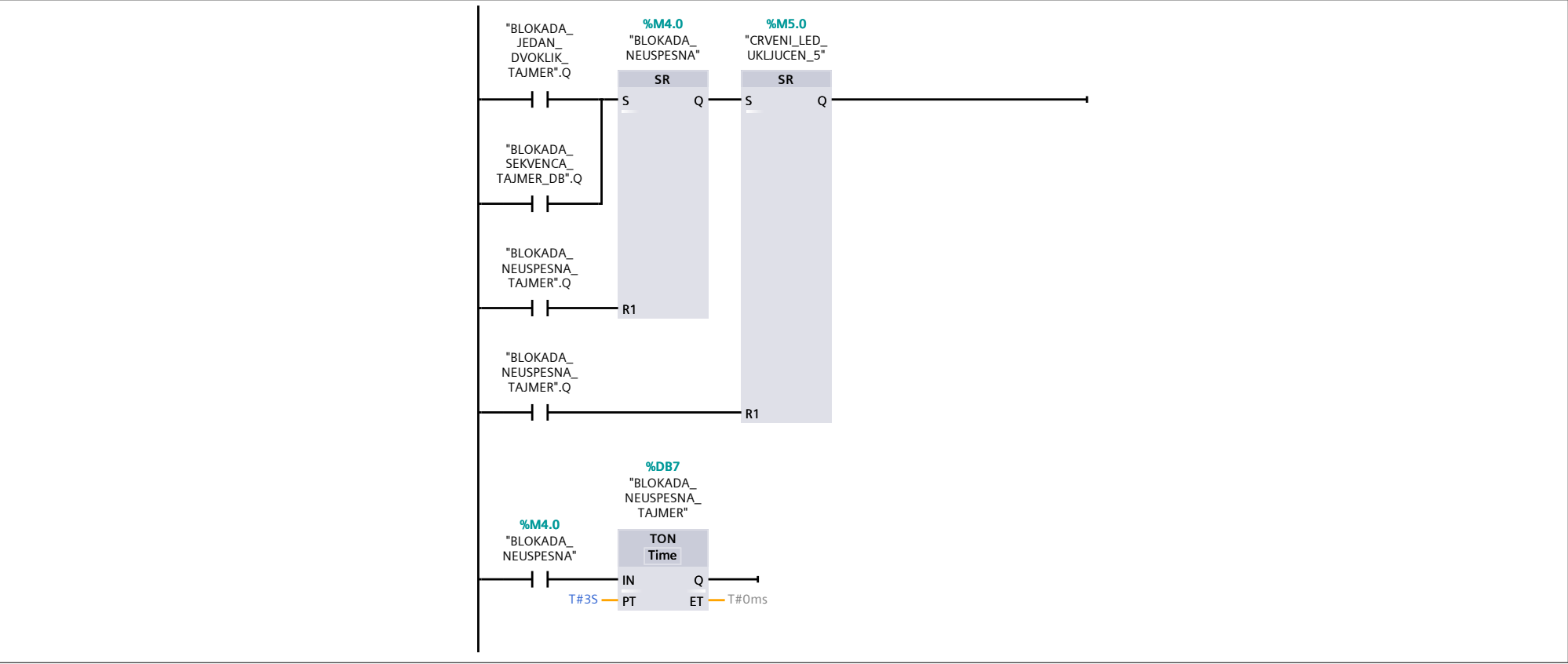


BLOKADA_NEUSPESNA_SIGNALIZACIJA [FB8]

BLOKADA_NEUSPESNA_SIGNALIZACIJA Properties							
General							
Name	BLOKADA_NEUSPESNA_SIG-NALIZACIJA	Number	8	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:



Totally Integrated Automation Portal

BLOKADA_USPESNA_SIGNALIZACIJA [FB7]

BLOKADA_USPESNA_SIGNALIZACIJA Properties

General

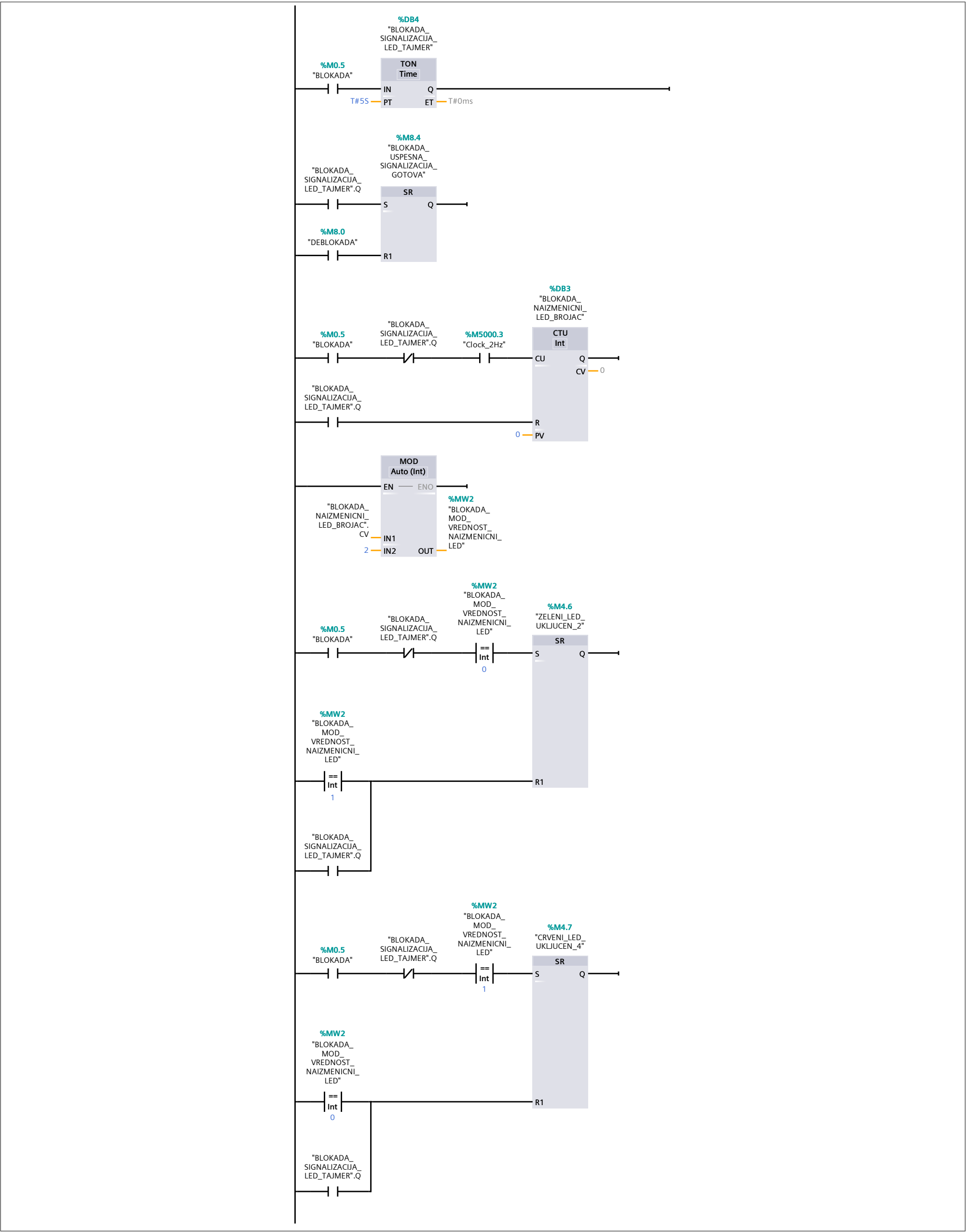
Name	BLOKADA_USPESNA_SIGNALIZACIJA	Number	7	Type	FB	Language	LAD
Numbering	Automatic						

Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

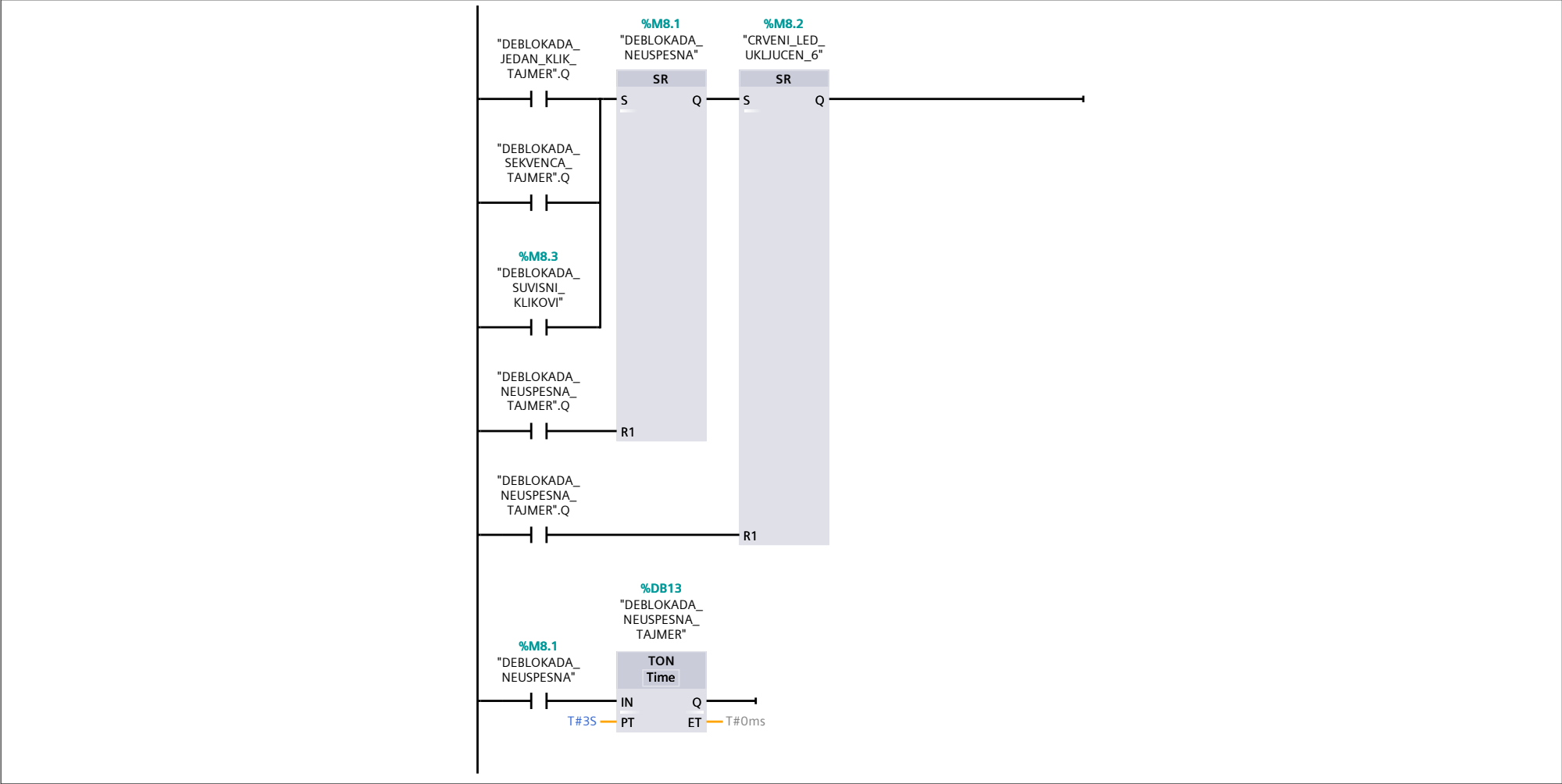


DEBLOKADA_NEUSPESNA_SIGNALIZACIJA [FB11]

DEBLOKADA_NEUSPESNA_SIGNALIZACIJA Properties							
General							
Name	DEBLOKADA_NEUSPESNA_SIGNALIZACIJA	Number	11	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

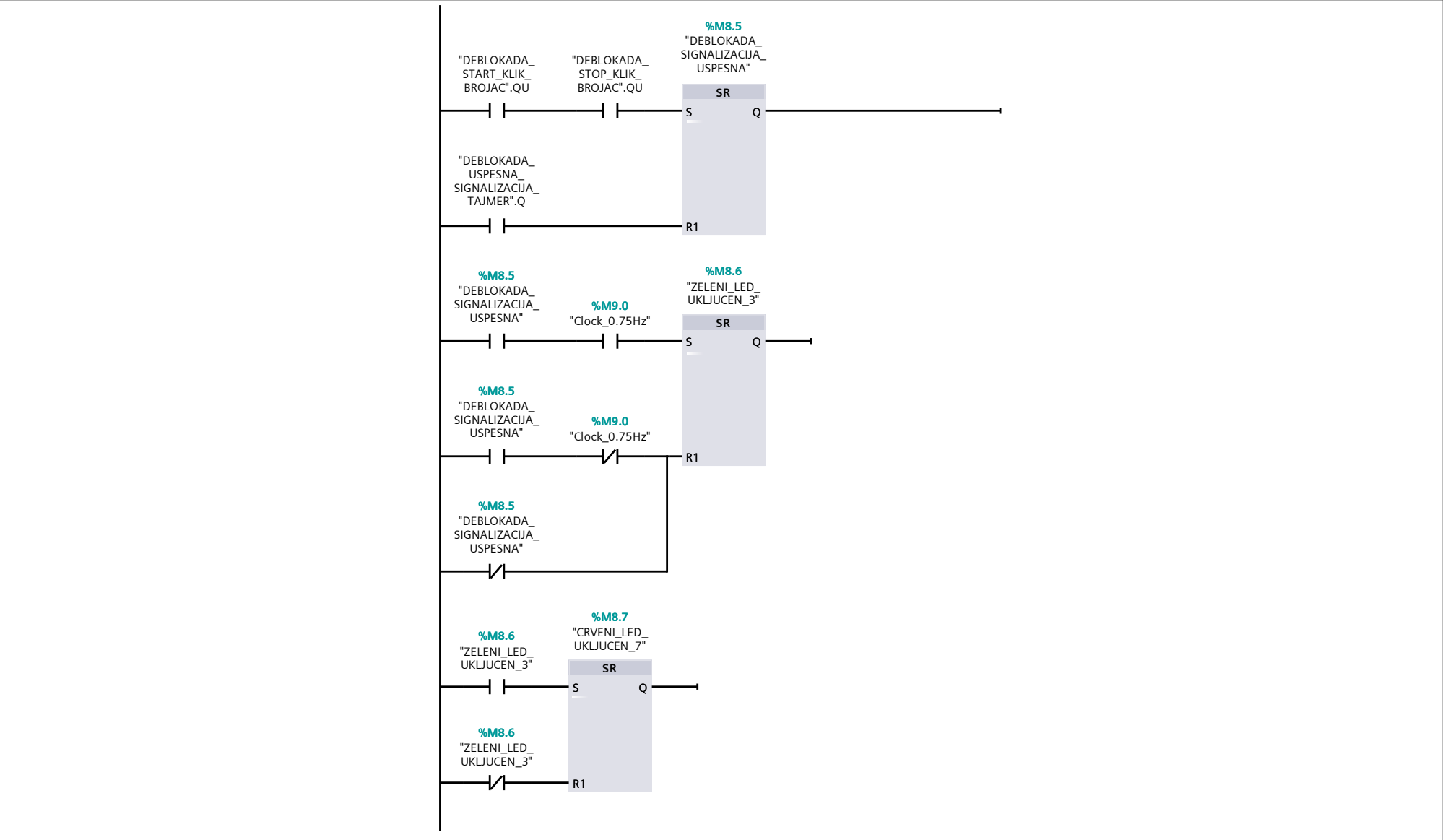


DEBLOKADA_USPESNA_SIGNALIZACIJA [FB10]

DEBLOKADA_USPESNA_SIGNALIZACIJA Properties							
General							
Name	DEBLOKADA_USPESNA_SIG-NALIZACIJA	Number	10	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

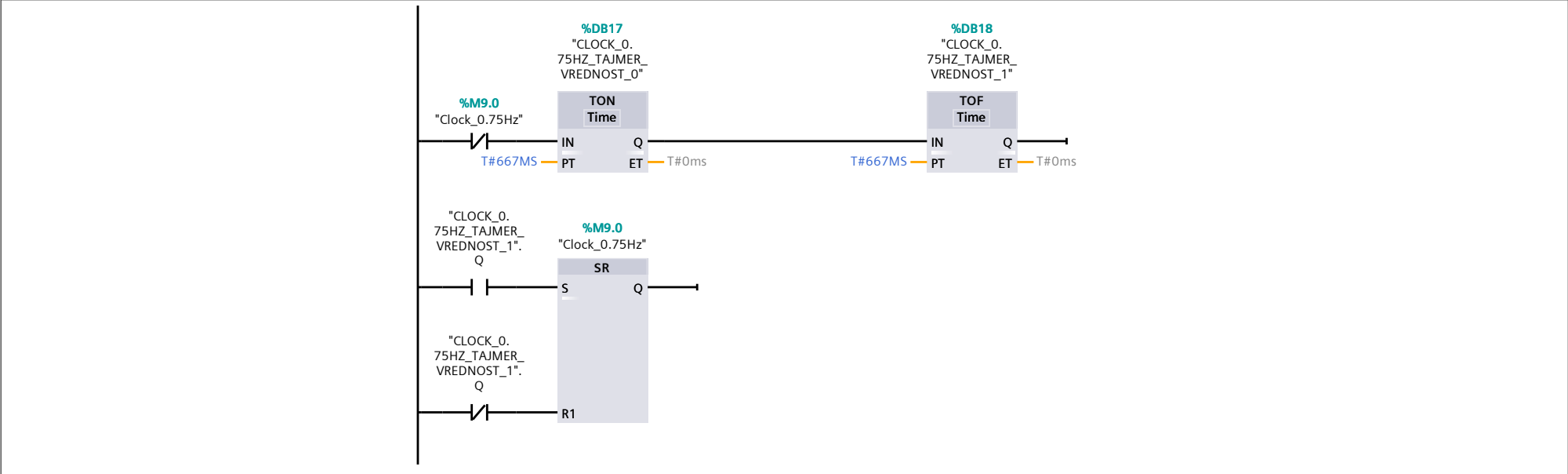


GENERISANJE_CLOCK_0.75HZ [FB3]

GENERISANJE_CLOCK_0.75HZ Properties							
General							
Name	GENERI-SANJE_CLOCK_0.75HZ	Number	3	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:



Totally Integrated Automation Portal

IMPLEMENTACIJA_BLOKADE [FB6]

IMPLEMENTACIJA_BLOKADE Properties

General

Name	IMPLEMENTACIJA_BLOKADE	Number	6	Type	FB	Language	LAD
Numbering	Automatic						

Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

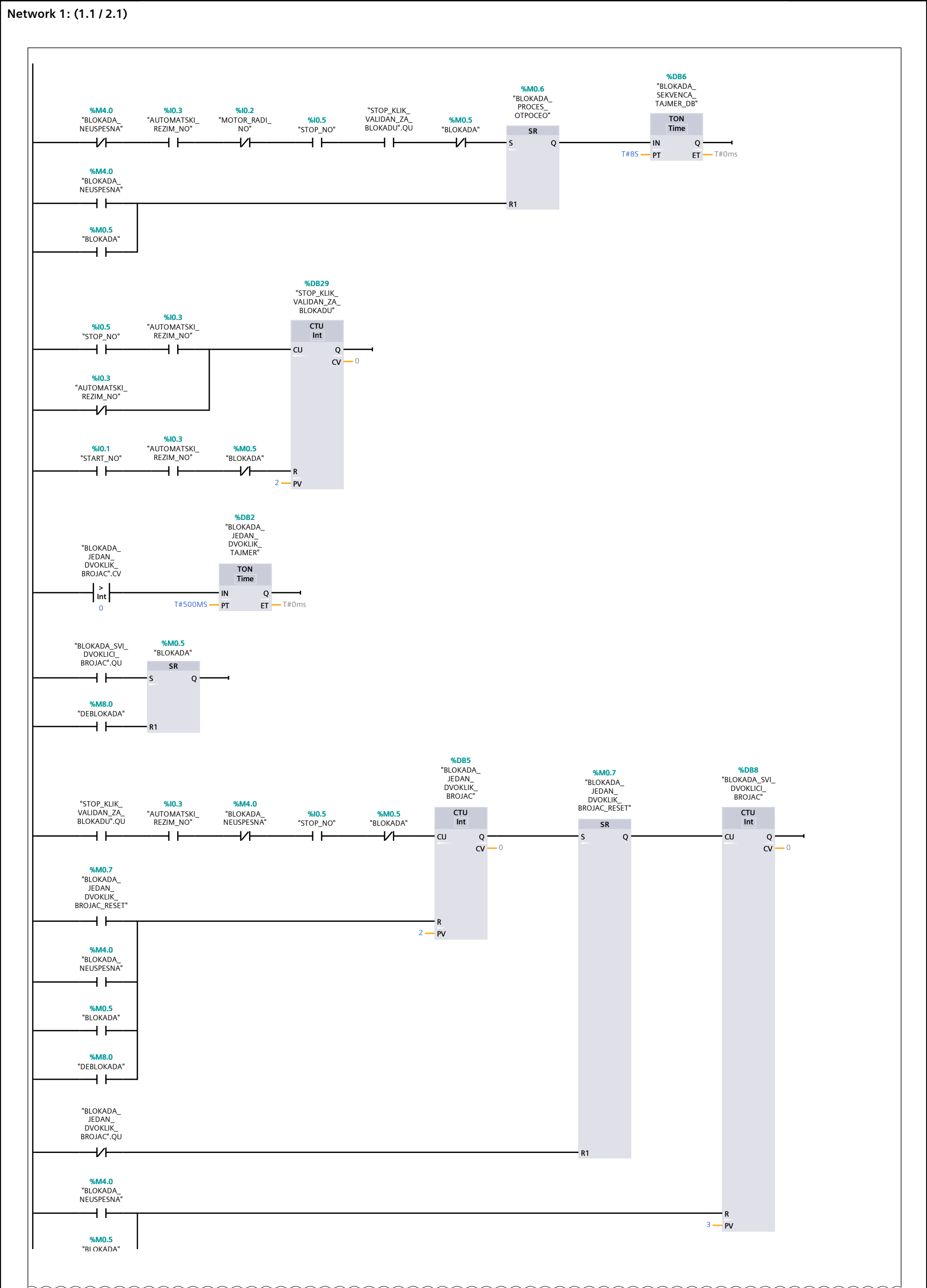
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

Network 1: (1.1 / 2.1)

The diagram illustrates the logic for Network 1, which includes several interlocking and timing functions:

- SR Latch (%M0.6):** Set by a series of normally open contacts: %M4.0 (BLOKADA_NEUSPESNA), %I0.3 (AUTOMATSKI_REZIM_NO), %I0.2 (MOTOR_RADNO), %I0.5 (STOP_NO), and a normally closed contact for "STOP_KLIK_VALIDAN_ZA_BLOKADU". Reset by %M0.5 (BLOKADA). The output Q is connected to the IN of a TON timer (%DB6).
- TON Timer (%DB6):** T#8S. Output Q is connected to the ET of a TON timer (%DB2).
- CTU Counter (%DB29):** Count Up (CU) by a series of normally open contacts: %I0.5 (STOP_NO) and %I0.3 (AUTOMATSKI_REZIM_NO). Reset (R) by a series of normally open contacts: %I0.1 (START_NO), %I0.3 (AUTOMATSKI_REZIM_NO), and %M0.5 (BLOKADA). The output Q is connected to the QV of a CTU counter (%DB5).
- TON Timer (%DB2):** T#500MS. Output Q is connected to the ET of a TON timer (%DB2).
- SR Latch (%M0.5):** Set by "BLOKADA_SVI_DVOKLICI_BROJAC". Reset (R) by "DEBLOKADA".
- CTU Counter (%DB5):** Count Up (CU) by a series of normally open contacts: "STOP_KLIK_VALIDAN_ZA_BLOKADU", %I0.3 (AUTOMATSKI_REZIM_NO), %M4.0 (BLOKADA_NEUSPESNA), %I0.5 (STOP_NO), and %M0.5 (BLOKADA). Reset (R) by %M0.7 (BLOKADA_JEDAN_DVOKLIK_BROJAC_RESET). The output Q is connected to the QV of a CTU counter (%DB8).
- CTU Counter (%DB8):** Count Up (CU) by "BLOKADA_SVI_DVOKLICI_BROJAC". Reset (R) by %M4.0 (BLOKADA_NEUSPESNA), %M0.5 (BLOKADA), %M8.0 (DEBLOKADA), and "BLOKADA_JEDAN_DVOKLIK_BROJAC".



Totally Integrated Automation Portal		
<div>Network 1: (2.1 / 2.1)</div> <div>1.1 (Page9 - 2)</div> <div><div><div>BLUKADA</div><div>%M8.0 "DEBLOKADA"</div></div></div>		

Totally Integrated Automation Portal

IMPLEMENTACIJA_DEBLOKADE [FB9]

IMPLEMENTACIJA_DEBLOKADE Properties

General

Name	IMPLEMENTACIJA_DEBLOKADE	Number	9	Type	FB	Language	LAD
Numbering	Automatic						

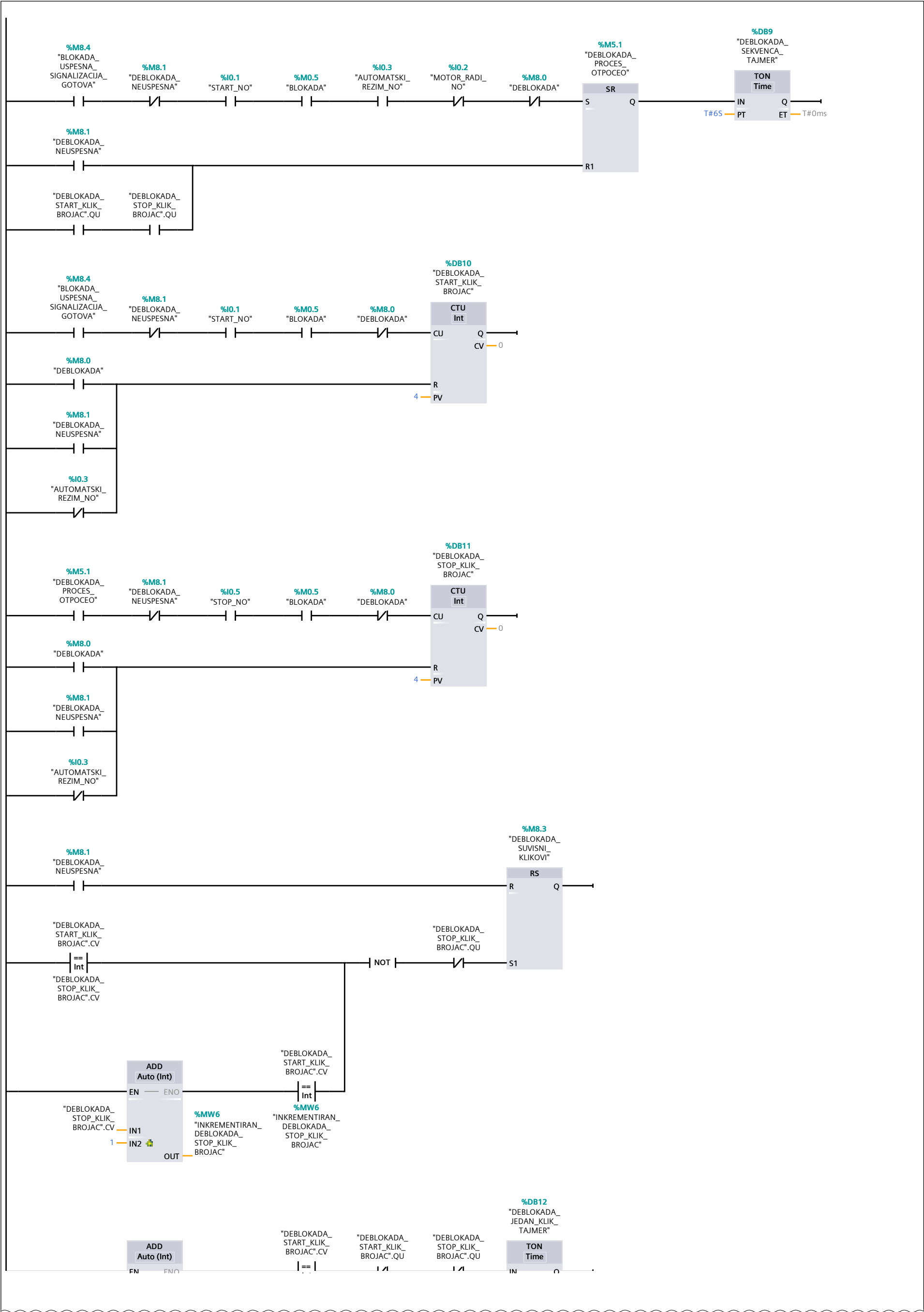
Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

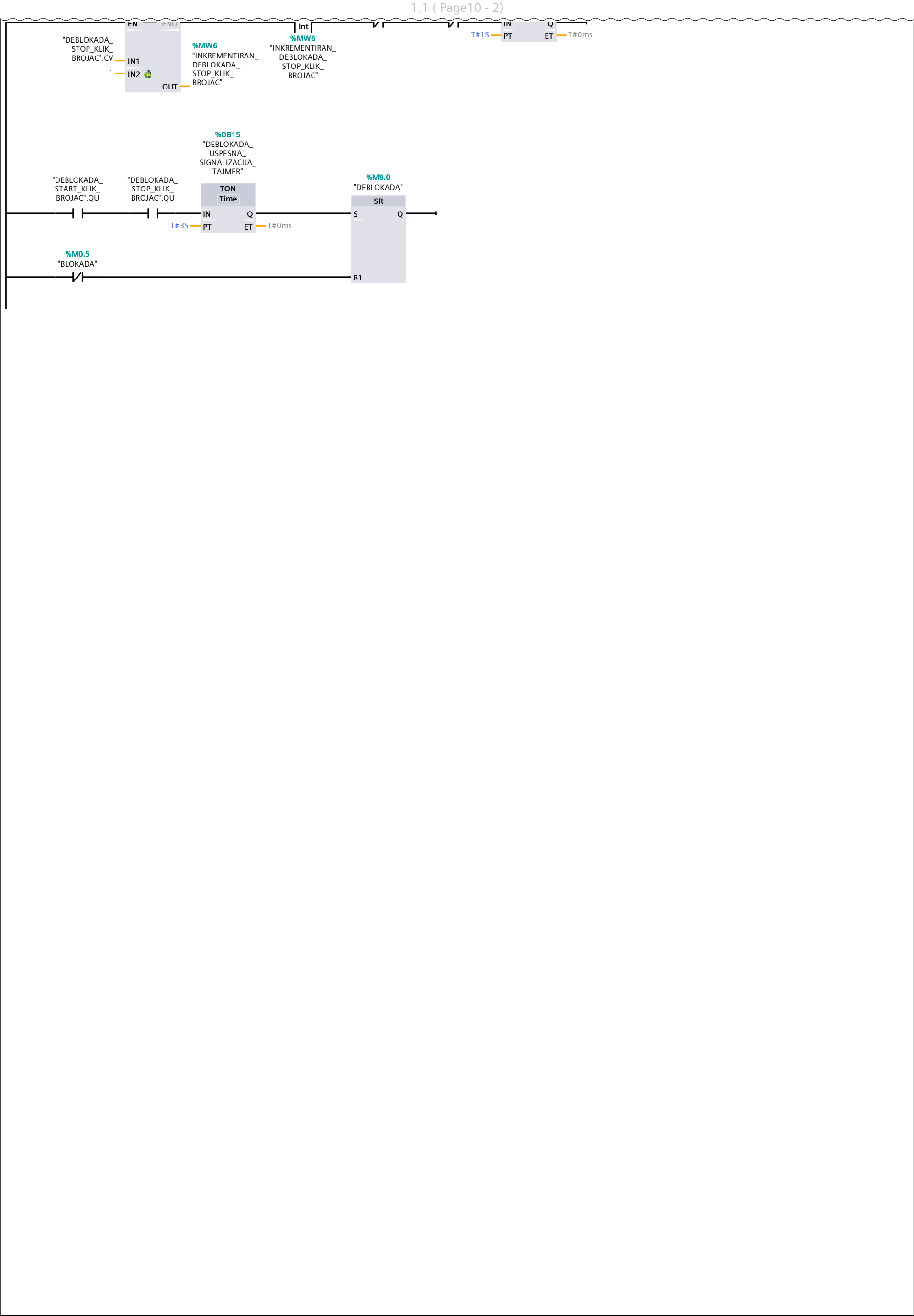
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

Network 1: (1.1 / 2.1)



Network 1: (2.1 / 2.1)

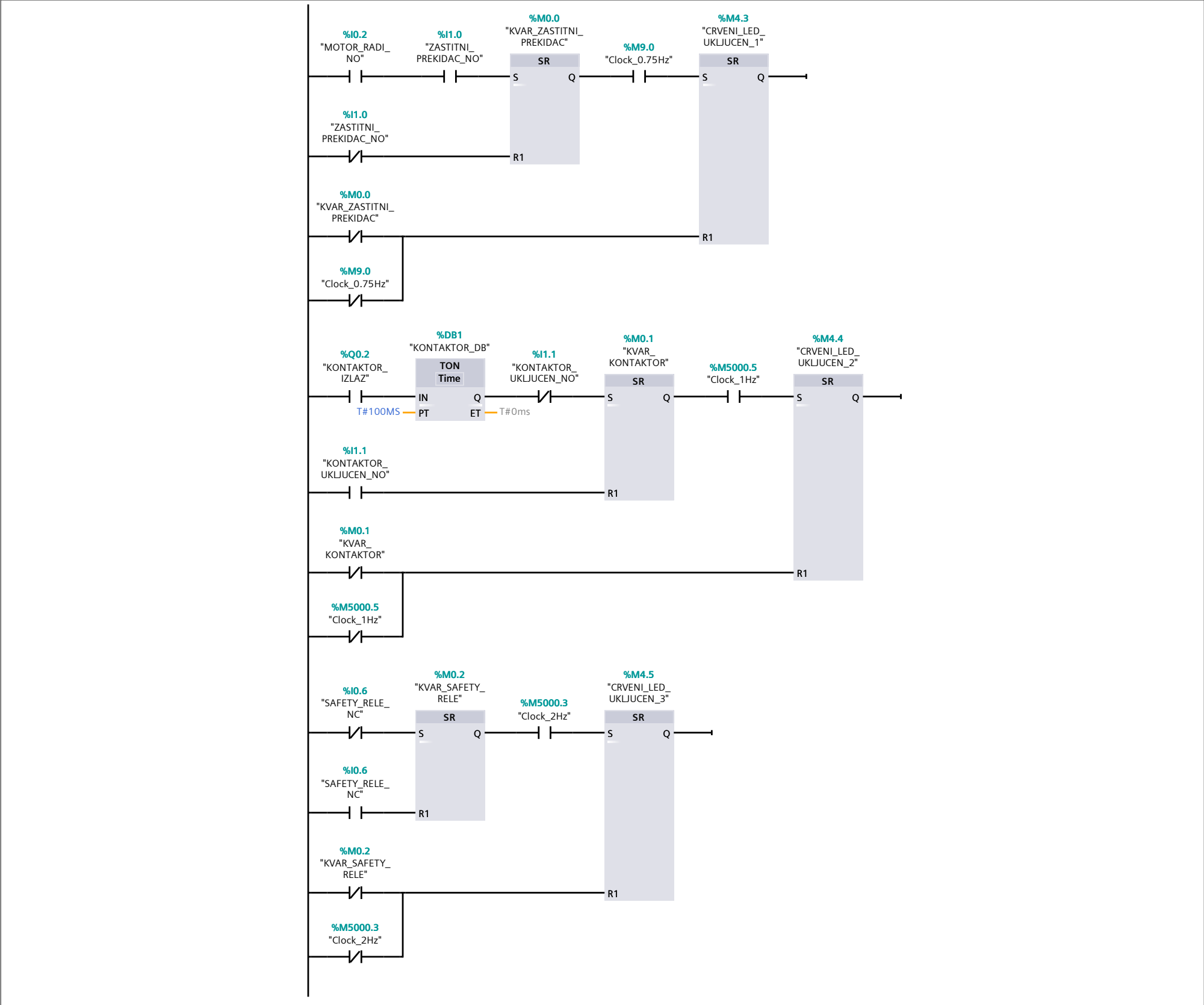


OBRADA_KVAROVA [FB1]

OBRADA_KVAROVA Properties							
General							
Name	OBRADA_KVAROVA	Number	1	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

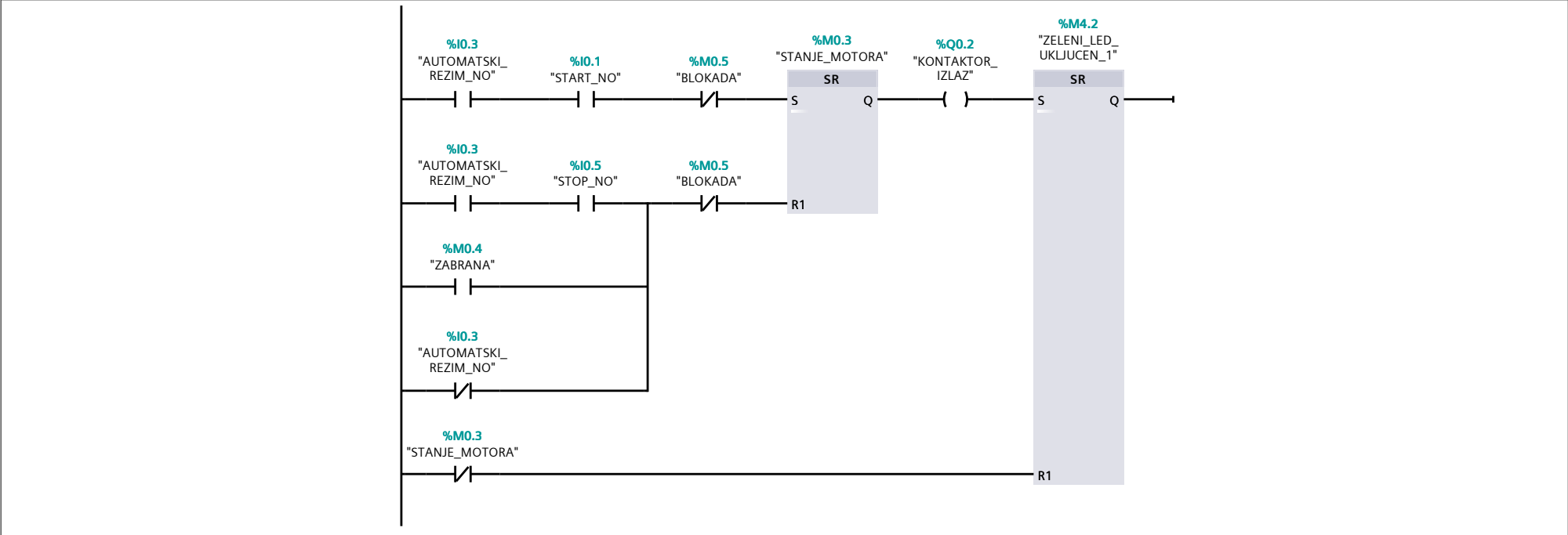


POKRETANJE_I_ZAUSTAVLJANJE_MOTORA [FB2]

POKRETANJE_I_ZAUSTAVLJANJE_MOTORA Properties							
General							
Name	POKRETANJE_I_ZAUSTAVLJANJE_MOTORA	Number	2	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:



UKLJUCIVANJE_I_ISKLJUCIVANJE_LED_LAMPICA [FB4]

UKLJUCIVANJE_I_ISKLJUCIVANJE_LED_LAMPICA Properties							
General							
Name	UKLJUCIVANJE_I_ISKLJUCIVANJE_LED_LAMPICA	Number	4	Type	FB	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervi-sion	Comment
Input									
Output									
InOut									
Static									
Temp									
Constant									

Network 1:

