Totally Integr	rated					
Automation I	Portal					
ain [OB1]]					
in Properties neral	3					
ime imbering	Main Automatic	Number 1	Туре	ОВ	Language LAD	
formation le	"Main Program Sweep (Cy-	Author	Comment		Family	
ersion	cle)" 0.1	User-defined ID				
me Input		Data type	Default value	Comment		
Initial_Cal Remanend		Bool Bool		Initial call of this Of =True, if remanent		
Temp Constant						
etwork 1:						
			%DB3 "RESETOVANJE_ KLIPOVA_ TAJMER"			
		"DB".KLIPOVI_ RESETOVANI	TON Time	"DB".KLIPOVI_ RESETOVANI (S)		
		T#3	SS PT ET T#0ms	13/		
etwork 2:		l				
twork 2.						
		"DB".KLIPOVI_ RESETOVANI	%FC5 "IZVRSENJE_SEKVENCE"			
			EN ENO			
		<u>'</u>				

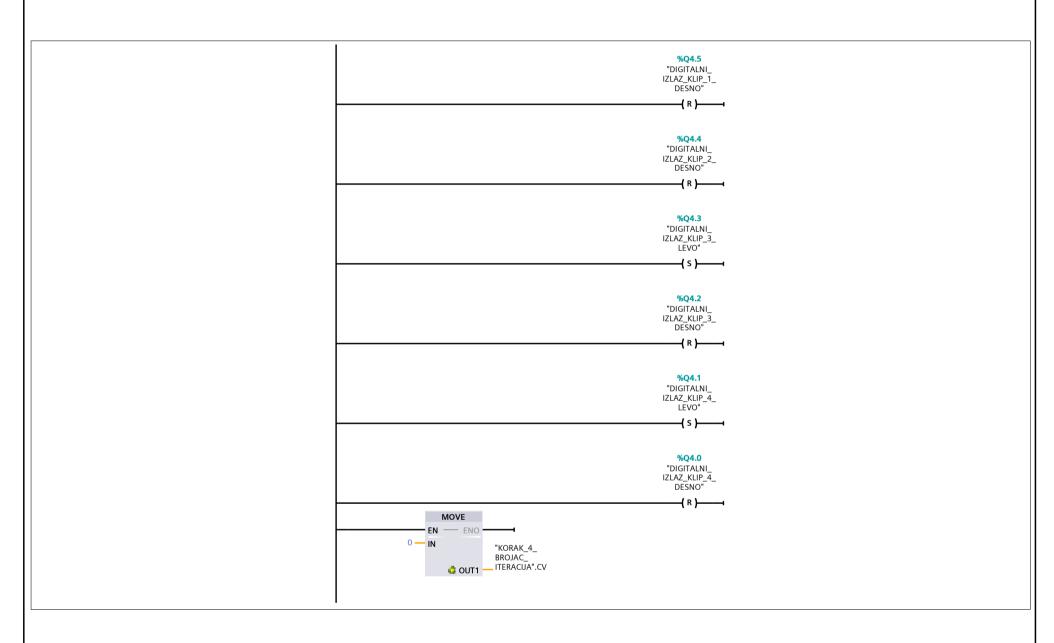
Totally Integrated Automation Portal	
7.0.00	

Startup [OB100]

Startup Properti	es						
General							
Name	Startup	Number	100	Туре	ОВ	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:



Totally Integrated Automation Portal	
	<u> </u>

IZVRSENJE_SEKVENCE [FC5]

IZVRSENJE_SEK\	ENCE Properties						
General							
Name	IZVRSENJE_SEKVENCE	Number	5	Туре	FC	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
IZVRSENJE_SEKVENCE	Void		

Network 1:

Network 2:

Network 3:

Network 4:

```
Totally Integrated
   Automation Portal
                                                                         "DB".TRENUTNO_
STANJE
                                                                                                          %FC8
                                                                                                    "OBRADA_KORAK_3"
                                                                              ==
Int
                                                                                                                        ENO
                                                                         "DB".TRENUTNO_
STANJE
                                                                                              %FC9
"PRELAZ_KORAK_3_U_KORAK_4"
                                                                              ==
Int
                                                                                                                        ENO -
Network 5:
                                                                         "DB".TRENUTNO_ "DB".TRENUTNO_ STANJE STANJE
                                                                                                                      %FC10
"OBRADA_KORAK_4"
                                                                              >=
Int
                                                                                                 <=
Int
                                                                                                                - EN
                                                                                                                                           ENO -
                                                                         "DB".TRENUTNO_
STANJE
                                                                                            "DB".TRENUTNO_
STANJE
                                                                                                                             %FC11
                                                                                                                 "PRELAZ_KORAK_4_U_KORAK_5"
                                                                                                 <=
Int
                                                                              >=
Int
Network 6:
                                                                          "DB".TRENUTNO_
STANJE
                                                                                                         %FC12
                                                                                                    "OBRADA_KORAK_5"
                                                                              Int
                                                                                                                        ENO ·
                                                                         "DB".TRENUTNO_
STANJE
                                                                                                          %FC13
                                                                                              "PRELAZ_KORAK_5_U_KORAK_6"
                                                                              == |
Int
                                                                                                                        ENO -
Network 7:
                                                                         "DB".TRENUTNO_
STANJE
                                                                                                          %FC14
                                                                                                    "OBRADA_KORAK_6"
                                                                              ==
Int
                                                                                                                        ENO ·
                                                                         "DB".TRENUTNO_
STANJE
                                                                                              %FC15
"PRELAZ_KORAK_6_U_KORAK_7"
                                                                              ==
Int
                                                                                                                        ENO -
Network 8:
                                                                         "DB".TRENUTNO_
STANJE == Int
                                                                                                    %FC16
"OBRADA_KORAK_7"
```

Totally Inte Automation							
	KORAK_0 [FC1] AK_0 Properties						
General							
Name	OBRADA_KORAK_0	Number 1	1	Type F	C	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					'
Name		Data type	Default value		Comment		
Innut							

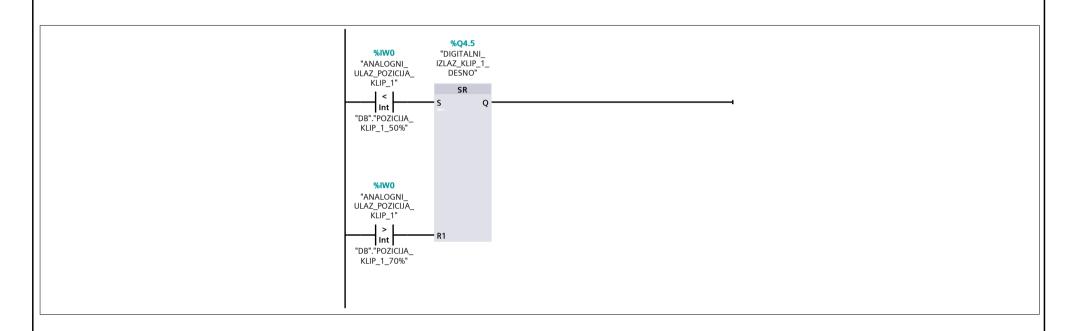
Network 1:

OBRADA_KORAK_0

Void

Output
InOut
Temp
Constant

Return



Totally Integ Automation	rated Portal									
										1
OBRADA_K	ORAK_	1 [FC3]								
OBRADA_KORA General	K_1 Proper	ties								
Name Numbering	OBRADA_ Automati	KORAK_1	Nun	nber	3		Type F	-C	Language	LAD
Information Title			Autl	hor			Comment		Family	
Version	0.1			r-defined ID			Comment		i anniy	
Name Input				Data type		Default value		Comment		
Output										
InOut Temp										
Constant ▼ Return										
OBRADA_	KORAK_1		,	Void						
Network 1:										
				%("DIGI" IZLAZ_	Q4.1 TALNI_ _KLIP_4_ :VO"			% Q4.0 "DIGITALNI_ IZLAZ_KLIP_4_ DESNO"		
					R)———			DESNO"		

neral me OBRADA_Ko mbering Automatic	DRAK_2 Num	ber 6		Туре	FC	Language	LAD	
ersion 0.1	Auth User-	or defined ID		Comment		Family		
ne nput Output nOut	D	ata type	Default value		Comment			
Temp Constant TRUE_CONSTANT	R	ool	true					
Return		oid	Truc					
OBRADA_KORAK_2	V	ola						
		I						

Totally Inte	grated n Portal								
OBRADA_	KUDVI :	נורסו							
OBRADA_KOR									
General Name	OBRADA_I	KORAK_3	Numb	per 8		Туре	FC	Language	LAD
Numbering Information	Automatio								
Title Version	0.1		Autho User-c	or defined ID		Comment		Family	
Name			Da	ata type	Default value		Comment		
Input Output									
InOut Temp									
Constant ▼ Return									
	_KORAK_3		Vo	bic					
Network 1:									
				<u> </u>					
							%Q4.4 "DIGITALI IZLAZ_KLIF DESNO	NI_ 	
							(s)-		
	Т								Т

|--|

OBRADA_KORAK_4 [FC10]

OBRADA_KORAK	_4 Properties						
General							
Name	OBRADA_KORAK_4	Number	10	Туре	FC	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
OBRADA_KORAK_4	Void		

Network 1:

Network 2:

```
"DB".TRENUTNO_ IZLAZ_KLIP_4_ IEVO"

"DB".TRENUTNO_ DESNO"

"DB".TRENUTNO_ ULAZ_KLIP_4_ LEVO"

"DB".TRENUTNO_ STANJE

"DB".TRENUTNO_ ULAZ_KLIP_4_ LEVO NO"

"DB".TRENUTNO_ ULAZ_KLIP_4_ LEVO NO"

"DB".TRENUTNO_ STANJE

"DB".TRENUTNO_ STANJE
```

Network 3:

Network 4:

Totally Integrated **Automation Portal** %Q4.2
"DIGITALNI_
IZLAZ_KLIP_3_
DESNO" %Q4.3 "DIGITALNI_ IZLAZ_KLIP_3_ LEVO" "DB".TRENUTNO_ STANJE == Int **-(** s **)**--%I10.2 "DIGITALNI_ ULAZ_KLIP_3_ LEVO_NO" "DB".TRENUTNO_ STANJE == Int MOVE EN - ENO -"DB".TRENUTNO_
 OUT1 — STANJE 8 — IN

Totally Integ Automation	grated Portal								
OBRADA_k	(OD	5 [EC12]							
OBRADA_KORA									
General Name	OBRADA_	KORAK_5	Number	12		Туре	FC	Language	LAD
Numbering Information	Automati								
Title Version	0.1		Author Jser-defined	IID		Comment		Family	
Name			Data typ	e	Default value		Comment		
Input Output									
InOut Temp									
Constant									
▼ Return OBRADA_	_KORAK_5		Void						
Network 1:									
							%Q4.4		
							%Q4.4 "DIGITALNI_ IZLAZ_KLIP_2_ DESNO"		
							(R)———		
			1						

Totally Integ Automation	rated Portal									
OBRADA_K	ORAK_	7 [FC16]								
OBRADA_KORA General	K_7 Proper	ties								
Name Numbering	OBRADA_ Automatic	KORAK_7	Num	nber	16		Type F	C	Language	LAD
Information Title	7 (0.00)		Auth	nor			Comment		Family	
Version	0.1			-defined ID			Comment		i aiiiiy	
Name Input				Data type		Default value		Comment		
Output										
InOut Temp										
Constant Return										
OBRADA_	KORAK_7		\	Void						
Network 1:										
				%C "DIGI" IZLAZ_	24.0 FALNI_ KLIP_4_ SNO"			%Q4.1 "DIGITALNI_ IZLAZ_KLIP_4_ LEVO"		
					sno" r) ———			LEVO"		

Totally Inte	grated n Portal										
OBRADA_	KUDVA	6 [EC14]									
OBRADA_KORA											
General Name	OBRADA_	KORAK_6	Num	ber	14		Туре	FO	C	Language	LAD
Numbering Information	Automati	С								- "	
Title Version	0.1		Auth User-	or -defined ID			Comment			Family	
Name Input			С	Data type		Default value			Comment		
Output InOut											
Temp Constant											
▼ Return											
OBRADA Network 1:	_KORAK_6		V	/oid							
Network 1.											
									%Q4.5		
									%Q4.5 "DIGITALNI_ IZLAZ_KLIP_1_ DESNO"		
									(R)——		
	1										

AZ_KORAK_0_U_KORAK_1 Properties ral PRELAZ_KORAK_0_U_KOR- AK_1 Author On 0.1 Data type Data type Default value Comment Out Out Out Out Out PRELAZ_KORAK_0_U_KORAK_1 Void Void	PRELAZ_KORAK_0_U_KOR- AK_1 bering Automatic mation On 0.1 Data type Default value Comment Putput Putput Putput Ponstant eturn PRELAZ_KORAK_0_U_KORAK_1 Void Nork 1:		grated Portal						
PRELAZ_KORAK_0_U_KOR- AK_1 Author On 0.1 Data type Default value Comment Author Out Impl PRELAZ_KORAK_0_U_KORAK_1 Void Vork 1: Number 2 Type FC Language LAD Author Comment Family Comment Family Comment Family Comment Family Author Family Comment Family Author Family Comment Family Author Family Comment Family Author Family Author	e PRELAZ_KORAK_O_U_KOR- AK_1 bering Automatic mation Author Comment	ELAZ_K	ORAK_0_U_KORAK_	_1 [FC2]					
AK_1 particle	AK_1 bering Automatic mation Author	.AZ_KORAI eral							
Author User-defined ID Data type Default value Comment put utput Out mp onstant eturn PRELAZ_KORAK_O_U_KORAK_1 Void vork 1: SINO **NALOGNI, ULAZ_POZICIJA, KIP_1** MOVE EN END MOVE NAMOVE	Matthor On 0.1 User-defined ID The state of	bering	AK_1	Number	2	Туре	FC	Language	LAD
Data type Default value Comment Litput Out Emp Donstant Sturn PRELAZ_KORAK_0_U_KORAK_1 Void Vork 1: SINO *ANALOGNI_ ULAZ_POZICIJA KIP_1** MOVE PRE DATA TO MOVE PRE DATA TO MOVE *ANALOGNI_ ULAZ_POZICIJA KIP_1** MOVE PRE DATA TO MOVE *ANALOGNI_ ULAZ_POZICIJA KIP_1** MOVE PRE DATA TO MOVE PRE DATA TO MOVE *ANALOGNI_ ULAZ_POZICIJA KIP_1** ** MOVE PRE DATA TO MOVE ** ** ** MOVE ** ** ** ** MOVE ** ** ** ** ** ** ** ** **	Data type Default value Comment Input Diout Dio	rmation	0.1			Comment		Family	
Out Imp Instant PRELAZ_KORAK_0_U_KORAK_1 Void Vork 1: **INVO *ANALOGNI_ UIAZ_POZICIJA_ KLIP_1** KLIP_1** MOVE PRE MOVE **INVO **ANALOGNI_ UIAZ_POZICIJA_ KLIP_1** MOVE **INVO **INVO **ANALOGNI_ UIAZ_POZICIJA_ KLIP_1** **INVO **IN	nout emp onstant eturn PRELAZ_KORAK_0_U_KORAK_1 Void work 1: **IWO "ANALOGNI_ ULAZ_POZICIJA_ KILP_1" MOVE	e	0.1		Default va	llue	Comment		
emp enstant eturn PRELAZ_KORAK_O_U_KORAK_1 Void vork 1: **IWO *ANALOGNI_ ULAZ_POZICIJA_ KLIP_1'* LET IN MOVE **INO	emp onstant eturn PRELAZ_KORAK_0_U_KORAK_1 Void work 1: **MV0 *ANALOGNI UAZ_POZICIJA_ KLIP_1'' LND PRELAZ_KORAK_0 FRO **MOVE **POZICIJA_ KLIP_1'' LND PRELAZ_KORAK_0 FRO **MOVE **POZICIJA_ KLIP_1'' LND PRELAZ_KORAK_0 FRO **MOVE **POZICIJA_ KLIP_1'' LND PRELAZ_KORAK_0 FRO **POZICIJA_ KLIP_1'' LND **POZICI	utput							
PRELAZ_KORAK_O_U_KORAK_1 Void vork 1: **IWO	PRELAZ_KORAK_0_U_KORAK_1 Void work 1: **IW0 **ANALOSNI. ULAZ_POZICIJA. KLIP_1** **MOVE **INONE **IN	emp							
%IW0 "ANALOGNI_ ULAZ_POZICIJA_ KLIP_1" MOVE EN EN EN O	%IW0 "ANALOGNI_ ULAZ_POZICUA_ KLIP_1" MOVE EN — ENO —	eturn	KORAK_0_U_KORAK_1	Void					
"ANALOGNI_ ULAZ_POZICIJA_ KLIP_1" MOVE =	"ANALOGNI_ ULAZ_POZICIJA_ KLIP_1" MOVE EN ENO	work 1:							
"ANALOGNI_ ULAZ_POZICIJA_ KLIP_1" MOVE =	"ANALOGNI_ ULAZ_POZICIJA_ KLIP_1" MOVE EN ENO			1					
>=	>= EN — ENO			%IV "ANAL¢ ULAZ_PC	<mark>NO</mark> OGNI_ DZICIJA_				
KLIP_1_60%" • STANJE	© OUT — TIVEL.			>- n	= L	EN ENO	RENUTNO	-	
				KLIP_1	_60%"	OUT1 — STANJ	E		

Totally Integ Automation	rated Portal									
	I									
	DRAK_1_U_KC		C4]							
General Name	C_1_U_KORAK_2 Pro		ımber	4		Туре	FC		Language	LAD
Numbering	AK_2 Automatic	_O_KOK Na	iniber	T		Турс			Language	
Information Title			ıthor			Comment			Family	
Version Name	0.1	Us	er-defined ID Data type	-	Default value		Comment			
Input Output			Data type		Delault value		Comment			
InOut Temp										
Constant Return										
	(ORAK_1_U_KORAK_	2	Void							
Network 1:										
			1							
			"DIG ULAZ DES	I10.1 TALNI_ _KLIP_4_ NO_NO"	MOVE					
					EN - ENO	RENUTNO_ F				
					- SI/NO	_				
	<u> </u>									T

Totally Integ Automation	rated Portal							
DDEL 4.7 1/4		. [567]						
	DRAK_2_U_KORAK_:	3 [FC/]						
General	C_2_U_KORAK_3 Properties							
Name	PRELAZ_KORAK_2_U_KOR- AK_3	Number	7		Туре	FC	Language	LAD
Numbering Information	Automatic							
Title Version	0.1	Author User-defined ID)		Comment		Family	
Name		Data type		Default value		Comment		
Input Output								
InOut								
Temp Constant								
▼ Return	ORAK_2_U_KORAK_3	Void						
Network 1:	CONAN_2_U_NONAN_3	Void						
Network 1.								
		"KC	DRAK_2_ JMER".Q	MOVE				
			⊣	EN ENO IN "DB".TI	RENUTNO_			
				₫ OUT1 — STANJI				
	i							i

ELAZ_KORA neral	K_3_U_KORAK_4 Properties								
ne	PRELAZ_KORAK_3_U_KOR- AK_4	Number	9		Туре	FC	Language	LAD	
nbering rmation	Automatic								
ion	0.1	Author User-defined I	ID		Comment		Family		
e	0.1	Data type	-	Default value		Comment			
put		Data type		Deliant value		Comment			
utput Out									
emp									
onstant eturn									
PRELAZ_	KORAK_3_U_KORAK_4	Void							
work 1:									
			%I10.5 DIGITALNI_						
		UL/ DE	DIGITALNI_ .AZ_KLIP_2_ ESNO_NO"	MOVE					
			4	■ EN ■ ENO □ "DB". □ IN □ "DB". □ STAN	TRENUTNO_ IJE				
				UITI — STAN					
		ı							

Totally Integ Automation	grated Portal					
PRELAZ KO	ORAK_4_U_KORAK_	5 [FC11]				
	<_4_U_KORAK_5 Properties					
lame	PRELAZ_KORAK_4_U_KOR-AK_5	Number 11	Туре	FC	Language	LAD
umbering formation tle	Automatic	Author	Commont		Family	
ersion	0.1	Author User-defined ID	Comment		Family	
ame Input Output		Data type	Default value	Comment		
InOut Temp						
Constant Return						
	KORAK_4_U_KORAK_5	Void				
etwork 1:						
		<u> </u>				
			%DB4 "KORAK_4_ BROJAC_ ITERACIJA"			
		"DB".TRENUTNO_ STANJE ==	CTU Int			
		Int 8	false — R CV — 0			
etwork 2:						
		"DB".TRENUTNO_ STANJE	"KORAK_4_ - BROJAC_ ITERACIJA".QU MOVE			
		== Int 8	EN — ENO	renutno_		
			4 0011 - 3748.			
etwork 3:						
		1				
		"DB".TRENUTNO_ STANJE ==	ITERACIJA".QU MOVE			
		Int 8	9 — IN — ENO — "DB".T	RENUTNO_ JE		
			12 0011			

eneral ame	PRELAZ_KORAK_5_U_KOR-	Number 1	3	Туре	FC	Language	LAD	
umbering formation	AK_6 Automatic							
tle ersion	0.1	Author User-defined ID		Comment		Family		
ime	0.1	Data type	Default value		Comment			
Input Output		7,						
InOut Temp								
Constant								
Return PRELAZ_	KORAK_5_U_KORAK_6	Void						
twork 1:		'	<u>'</u>					
		%I10	4					
		"DIGITA ULAZ_KL LEVO_						
			10 — IN — ENO — "DE	B".TRENUTNO_ ANJE	-			
			4 0011					

on 0.1 e nput Output nOut emp onstant eturn PRELAZ_KORAK_6_U_KORAK_7		Default value	Comment	Comment	Family	LAD
AK_7 bering Automatic mation ion 0.1 e nput output nOut emp constant eturn PRELAZ_KORAK_6_U_KORAK_7	Void Wilo.6 "Digitalni_ ULAZ_KLIP_1 LEVO_NO"	Default value	Comment			LAD
ormation e sion 0.1 ne Input Output InOut Temp Constant Return PRELAZ_KORAK_6_U_KORAK_7	Void Wilo.6 "Digitalni_ ULAZ_KLIP_1 LEVO_NO"	Default value 6 NL P-1		Comment	Family	
me Input Output InOut Temp Constant Return PRELAZ_KORAK_6_U_KORAK_7	Void Wilo.6 "Digitalni_ ULAZ_KLIP_1 LEVO_NO"	Default value 6 NL P-1		Comment	Family	
Input Output InOut Temp Constant Return PRELAZ_KORAK_6_U_KORAK_7	Void **M10.6 **DIGITALNI_ ULAZ_KLIP_1 LEVO_NO**	6 NL P-1_		Comment		
Output InOut Temp Constant Return PRELAZ_KORAK_6_U_KORAK_7	%I10.6 "DIGITALNI_ ULAZ_KLIP_1 LEVO_NO"	6 NL P-1				
Return PRELAZ_KORAK_6_U_KORAK_7	%I10.6 "DIGITALNI_ ULAZ_KLIP_1 LEVO_NO"	6 NI_ P_1_				
Constant Return PRELAZ_KORAK_6_U_KORAK_7	%I10.6 "DIGITALNI_ ULAZ_KLIP_1 LEVO_NO"	6 NI_ P_1_				
PRELAZ_KORAK_6_U_KORAK_7	%I10.6 "DIGITALNI_ ULAZ_KLIP_1 LEVO_NO"	6 NL P_1				
twork 1:		6 NL P_1				
		6 NL P_1_ O"				
		6 NI_ P_1_ O"				
		.NI_ P_1_				
	——— <u>————</u> ————————————————————————————	IO" MOVE				
		EN ENO 11 IN "DB".TREN OUT1 STANJE	NUTNO_			
		d OUT1 — STANJE				

[DB1]											
roperties											
eral ne DB	Num	ber 1		Туре	D	В		Langua	age	DB	
nbering Automatic				-71-					-5-		
rmation				_				- ·			
ion 0.1	Auth	or -defined ID		Comment				Family	1		
<u> </u>									-		
ie	Data type	Start value	Retain	Accessible from HMI/OPC UA	able from HMI/ OPC	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comn	nent	
·*-*:-					UA						
Static				_	_	_					
TRENUTNO_STANJE	Int	0	False	True		True	False				
POZICIJA_KLIP_1_50%	Int Int	3638 4046	False False	True True		True True	False False				
POZICIJA_KLIP_1_60% POZICIJA_KLIP_1_70%	Int	4453	False	True		True	False				
KLIPOVI_RESETOVANI	Bool	false	False	True		True	False				
WELL O ALTURAL LOAVINI	5001		i dise	,,,,,,			. 4.50				