

POC_RL_Logic_Controller

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Program blocks

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:

%DB10
"Program_DB"

%FB2
"Program"

EN

ENO

Program blocks

BinarySearch [FB1]

BinarySearch Properties

General

Name	BinarySearch	Number	1	Type	FB
Language	SCL	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA/We b API	Wri- ta- ble from m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
S_State	DInt	0	Non-retain	True	True	True	False		
▼ Output									
Action	Int	0	Non-retain	True	True	True	False		
▼ InOut									
▼ ArEtat	Array[*] of DInt			False	False	False	False		
ArEtat[*]	DInt			False	False	False	False		
▼ ArAction	Array[*] of Int			False	False	False	False		
ArAction[*]	Int			False	False	False	False		
Static									
▼ Temp									
max	DInt								
min	DInt								
mid	DInt								
Constant									

```
0001 #min := 0;
0002 #max:=UPPER_BOUND (ARR := #ArEtat, DIM := 1);
0003
0004 WHILE #min < #max DO
0005     #mid := (#min + #max) / 2;
0006     IF #ArEtat[#mid] = #S_State THEN
0007         #Action := #ArAction[#mid];
0008         RETURN
0009     ;
0010     ELSIF #ArEtat[#mid] < #S_State THEN
0011         #min := #mid + 1;
```


Program blocks

Program [FB2]

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

Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA/We b API	Wri- ta- ble from HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
Input									
Output									
InOut									
▼ Static									
▼ task	Ar- ray[0..13] of Struct		Non-retain	True	True	True	False		
▼ task[0]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[1]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[2]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		

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Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[3]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[4]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[5]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[6]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[7]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[8]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[9]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[10]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[11]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[12]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
IS	Bool	false	Non-retain	True	True	True	False		
▼ task[13]	Struct		Non-retain	True	True	True	False		
AUT	Bool	false	Non-retain	True	True	True	False		
AUTf	Bool	false	Non-retain	True	True	True	False		
IC	Bool	false	Non-retain	True	True	True	False		
IS	Bool	false	Non-retain	True	True	True	False		
FTX10	Bool	false	Non-retain	True	True	True	False		
FTX11	Bool	false	Non-retain	True	True	True	False		
FTX20	Bool	false	Non-retain	True	True	True	False		
FTX21	Bool	false	Non-retain	True	True	True	False		
FTX30	Bool	false	Non-retain	True	True	True	False		
FTX31	Bool	false	Non-retain	True	True	True	False		
FTX40	Bool	false	Non-retain	True	True	True	False		
FTX41	Bool	false	Non-retain	True	True	True	False		
FTX50	Bool	false	Non-retain	True	True	True	False		
FTX51	Bool	false	Non-retain	True	True	True	False		
FTX52	Bool	false	Non-retain	True	True	True	False		
FTX53	Bool	false	Non-retain	True	True	True	False		
FTX54	Bool	false	Non-retain	True	True	True	False		
FTX55	Bool	false	Non-retain	True	True	True	False		
FTX60	Bool	false	Non-retain	True	True	True	False		
FTX61	Bool	false	Non-retain	True	True	True	False		
FTX70	Bool	false	Non-retain	True	True	True	False		
FTX71	Bool	false	Non-retain	True	True	True	False		
FTX80	Bool	false	Non-retain	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
FTX81	Bool	false	Non-retain	True	True	True	False		
FTX82	Bool	false	Non-retain	True	True	True	False		
FTX83	Bool	false	Non-retain	True	True	True	False		
FTX90	Bool	false	Non-retain	True	True	True	False		
FTX91	Bool	false	Non-retain	True	True	True	False		
FTX100	Bool	false	Non-retain	True	True	True	False		
FTX101	Bool	false	Non-retain	True	True	True	False		
FTX110	Bool	false	Non-retain	True	True	True	False		
FTX111	Bool	false	Non-retain	True	True	True	False		
FTX120	Bool	false	Non-retain	True	True	True	False		
FTX121	Bool	false	Non-retain	True	True	True	False		
FTX122	Bool	false	Non-retain	True	True	True	False		
FTX123	Bool	false	Non-retain	True	True	True	False		
FTX130	Bool	false	Non-retain	True	True	True	False		
FTX131	Bool	false	Non-retain	True	True	True	False		
FTX132	Bool	false	Non-retain	True	True	True	False		
FTX133	Bool	false	Non-retain	True	True	True	False		
position	Real	0.0	Non-retain	True	True	True	False		
X10	Bool	false	Non-retain	True	True	True	False		
X11	Bool	false	Non-retain	True	True	True	False		
X20	Bool	false	Non-retain	True	True	True	False		
X21	Bool	false	Non-retain	True	True	True	False		
X30	Bool	false	Non-retain	True	True	True	False		
X31	Bool	false	Non-retain	True	True	True	False		
X40	Bool	false	Non-retain	True	True	True	False		

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Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
X41	Bool	false	Non-retain	True	True	True	False		
X50	Bool	false	Non-retain	True	True	True	False		
X51	Bool	false	Non-retain	True	True	True	False		
X52	Bool	false	Non-retain	True	True	True	False		
X53	Bool	false	Non-retain	True	True	True	False		
X54	Bool	false	Non-retain	True	True	True	False		
X55	Bool	false	Non-retain	True	True	True	False		
X60	Bool	false	Non-retain	True	True	True	False		
X61	Bool	false	Non-retain	True	True	True	False		
X70	Bool	false	Non-retain	True	True	True	False		
X71	Bool	false	Non-retain	True	True	True	False		
X80	Bool	false	Non-retain	True	True	True	False		
X81	Bool	false	Non-retain	True	True	True	False		
X82	Bool	false	Non-retain	True	True	True	False		
X83	Bool	false	Non-retain	True	True	True	False		
X90	Bool	false	Non-retain	True	True	True	False		
X91	Bool	false	Non-retain	True	True	True	False		
X100	Bool	false	Non-retain	True	True	True	False		
X101	Bool	false	Non-retain	True	True	True	False		
X110	Bool	false	Non-retain	True	True	True	False		
X111	Bool	false	Non-retain	True	True	True	False		
X120	Bool	false	Non-retain	True	True	True	False		
X121	Bool	false	Non-retain	True	True	True	False		
X122	Bool	false	Non-retain	True	True	True	False		
X123	Bool	false	Non-retain	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writable from HMI/OPC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
X130	Bool	false	Non-retain	True	True	True	False		
X131	Bool	false	Non-retain	True	True	True	False		
X132	Bool	false	Non-retain	True	True	True	False		
X133	Bool	false	Non-retain	True	True	True	False		
retracted	Bool	false	Non-retain	True	True	True	False		
sorti	Bool	false	Non-retain	True	True	True	False		
up	Bool	false	Non-retain	True	True	True	False		
bas	Bool	false	Non-retain	True	True	True	False		
i	Int	0	Non-retain	True	True	True	False		
State	DInt	0	Non-retain	True	True	True	False		
ActionFound	Int	0	Non-retain	True	True	True	False		
Temp									
Constant									
<pre>0001 "R_TRIG_movingX"(CLK := "movingX"); 0002 "R_TRIG_movingZ"(CLK := "movingZ"); 0003 "R_TRIG_rotating"(CLK := "rotating"); 0004 0005 "F_TRIG_movingX"(CLK := "movingX"); 0006 "F_TRIG_movingZ"(CLK := "movingZ"); 0007 "F_TRIG_rotating"(CLK := "rotating"); 0008 "F_TRIG_sortie_piece"(CLK := "sortie_piece"); 0009 0010 IF "init" THEN 0011 #up := True; 0012 #bas := False; 0013 #retracted := True; 0014 #sorti := False; 0015 "MoveX" := False; 0016 "MoveZ" := False; 0017 "CCW" := False; 0018 "CW" := False; 0019 "Grab" := False; 0020 "Conv1" := False; 0021 "Conv2" := False; 0022 "Output_Conv" := False; 0023 "GripperCCW" := False; 0024 #position := 0;</pre>									

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<pre> 0025 END_IF; 0026 0027 0028 IF "MoveX" AND "R_TRIG_movingX".Q THEN 0029 #retracted := False; 0030 #sorti := False; 0031 END_IF; 0032 IF "MoveX" AND "F_TRIG_movingX".Q THEN 0033 #retracted := False; 0034 #sorti := True; 0035 END_IF; 0036 IF NOT "MoveX" AND "R_TRIG_movingX".Q THEN 0037 #retracted := False; 0038 #sorti := False; 0039 END_IF; 0040 IF NOT "MoveX" AND "F_TRIG_movingX".Q THEN 0041 #retracted := True; 0042 #sorti := False; 0043 END_IF; 0044 IF "MoveZ" AND "R_TRIG_movingZ".Q THEN 0045 #up := False; 0046 #bas := False; 0047 END_IF; 0048 IF "MoveZ" AND "F_TRIG_movingZ".Q THEN 0049 #up := False; 0050 #bas := True; 0051 END_IF; 0052 IF NOT "MoveZ" AND "R_TRIG_movingZ".Q THEN 0053 #up := False; 0054 #bas := False; 0055 END_IF; 0056 IF NOT "MoveZ" AND "F_TRIG_movingZ".Q THEN 0057 #up := True; 0058 #bas := False; 0059 END_IF; 0060 0061 #task[1].IS := #X10; 0062 #task[2].IS := #X20; 0063 #task[3].IS := #X30; 0064 #task[4].IS := #X40; 0065 #task[5].IS := #X50; 0066 #task[6].IS := #X60; 0067 #task[7].IS := #X70; 0068 #task[8].IS := #X80; 0069 #task[9].IS := #X90; 0070 #task[10].IS := #X100; 0071 #task[11].IS := #X110; 0072 #task[12].IS := #X120; 0073 #task[13].IS := #X130; 0074 0075 #task[1].IC := NOT "wait1"; 0076 #task[2].IC := NOT "wait2"; 0077 #task[3].IC := (#position = 0) AND #retracted AND "wait1" AND #up AND NOT "de- detected"; 0078 #task[4].IC := #up AND #retracted AND "detected" AND (#position = 1); 0079 #task[5].IC := #up AND #retracted AND "detected" AND (#position = 2); 0080 #task[6].IC := (#position = 0) AND #retracted AND "wait2" AND #up AND NOT "de- detected"; 0081 #task[7].IC := #up AND #retracted AND "detected" AND (#position = 3); </pre>		

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<pre> 0082 #task[8].IC := #up AND #retracted AND NOT "detected" AND (#position = 2); 0083 #task[9].IC := "p_exit"; 0084 #task[10].IC := (#position = 2) AND #retracted AND #up AND NOT "detected" AND "wait1"; 0085 #task[11].IC := (#position = 2) AND #retracted AND #up AND NOT "detected" AND "wait2"; 0086 #task[12].IC := #retracted AND "wait1" AND #up AND NOT "detected" AND (#position = 1); 0087 #task[13].IC := #retracted AND "wait2" AND #up AND NOT "detected" AND (#position = 3); 0088 0089 #State := 0; 0090 FOR #i := 0 TO 13 DO 0091 #State := #State + BOOL_TO_INT(#task[13-#i].IS) * 2 ** (#i * 2); 0092 #State := #State + BOOL_TO_INT(#task[13-#i].IC) * 2 ** ((#i * 2) + 1); 0093 END_FOR; 0094 0095 "State_Action_DB"(S_State:=#State, 0096 Action=>#ActionFound, 0097 ArEtat:="Control Table".State, 0098 ArAction:="Control Table".Action); 0099 0100 0101 FOR #i := 0 TO 13 DO 0102 #task[#i].AUTf := 0; 0103 END_FOR; 0104 #task[#ActionFound].AUTf := 1; 0105 0106 #task[1].AUT := #task[12].IS AND #task[1].AUTf; 0107 #task[2].AUT := #task[13].IS AND #task[2].AUTf; 0108 #task[3].AUT := #task[6].IS AND #task[3].AUTf; 0109 #task[4].AUT := #task[12].IS AND #task[4].AUTf; 0110 #task[5].AUT := #task[8].IS AND #task[9].IS AND #task[10].IS AND #task[11].IS AND #task[5].AUTf; 0111 #task[6].AUT := #task[3].IS AND #task[6].AUTf; 0112 #task[7].AUT := #task[8].IS AND #task[13].IS AND #task[7].AUTf; 0113 #task[8].AUT := #task[5].IS AND #task[7].IS AND #task[10].IS AND #task[11].IS AND #task[8].AUTf; 0114 #task[9].AUT := #task[5].IS AND #task[9].AUTf; 0115 #task[10].AUT := #task[5].IS AND #task[8].IS AND #task[11].IS AND #task[10].AUTf; 0116 #task[11].AUT := #task[5].IS AND #task[8].IS AND #task[10].IS AND #task[11].AUTf; 0117 #task[12].AUT := #task[1].IS AND #task[4].IS AND #task[8].IS AND #task[12].AUTf; 0118 #task[13].AUT := #task[2].IS AND #task[7].IS AND #task[8].IS AND #task[13].AUTf; 0119 0120 (*Transition : GConv1_T1*) 0121 #FTX10 := #task[1].IS AND #task[1].AUT AND #task[1].IC; 0122 #FTX11 := #X11 AND "wait1"; 0123 0124 (*Transition : GConv2_T2*) 0125 #FTX20 := #X20 AND #task[2].AUT AND #task[2].IC; 0126 #FTX21 := #X21 AND "wait2"; 0127 0128 (* Transition : GCCW0_1_T3*) 0129 #FTX30 := #X30 AND #task[3].AUT AND #task[3].IC; 0130 #FTX31 := #X31 AND "F_TRIG_rotating".Q; </pre>		

```

0131
0132 (* Transition : GCCW1_2_T4*)
0133 #FTX40 := #X40 AND #task[4].AUT AND #task[4].IC;
0134 #FTX41 := #X41 AND "F_TRIG_rotating".Q;
0135
0136 (* Transition : GDEPOSER_T5*)
0137 #FTX50 := #X50 AND #task[5].AUT AND #task[5].IC;
0138 #FTX51 := #X51 AND "F_TRIG_movingX".Q;
0139 #FTX52 := #X52 AND "F_TRIG_movingZ".Q;
0140 #FTX53 := #X53;
0141 #FTX54 := #X54 AND "F_TRIG_movingZ".Q;
0142 #FTX55 := #X55 AND "F_TRIG_movingX".Q;
0143
0144 (* Transition : GCW0_3_T6*)
0145 #FTX60 := #X60 AND #task[6].AUT AND #task[6].IC;
0146 #FTX61 := #X61 AND "F_TRIG_rotating".Q;
0147
0148 (* Transition : GCW3_2_T7*)
0149 #FTX70 := #X70 AND #task[7].AUT AND #task[7].IC;
0150 #FTX71 := #X71 AND "F_TRIG_rotating".Q;
0151
0152 (* Transition : GCCW2_0_T8*)
0153 #FTX80 := #X80 AND #task[8].AUT AND #task[8].IC;
0154 #FTX81 := #X81 AND "F_TRIG_rotating".Q;
0155 #FTX82 := #X82;
0156 #FTX83 := #X83 AND "F_TRIG_rotating".Q;
0157
0158 (* Transition : GConv_Sortie_T9*)
0159 #FTX90 := #X90 AND #task[9].AUT AND #task[9].IC;
0160 #FTX91 := #X91 AND "F_TRIG_sortie_piece".Q;
0161
0162 (* Transition : GCW3_2_T10*)
0163 #FTX100 := #X100 AND #task[10].AUT AND #task[10].IC;
0164 #FTX101 := #X101 AND "F_TRIG_rotating".Q;
0165
0166 (* Transition : GCCW2_3_T11*)
0167 #FTX110 := #X110 AND #task[11].AUT AND #task[11].IC;
0168 #FTX111 := #X111 AND "F_TRIG_rotating".Q;
0169
0170 (* Transition : GPRENDRE_1_T12*)
0171 #FTX120 := #X120 AND #task[12].AUT AND #task[12].IC;
0172 #FTX121 := #X121 AND "F_TRIG_movingZ".Q;
0173 #FTX122 := #X122;
0174 #FTX123 := #X123 AND "F_TRIG_movingZ".Q;
0175
0176 (* Transition : GPRENDRE_2_T13*)
0177 #FTX130 := #X130 AND #task[13].AUT AND #task[13].IC;
0178 #FTX131 := #X131 AND "F_TRIG_movingZ".Q;
0179 #FTX132 := #X132;
0180 #FTX133 := #X133 AND "F_TRIG_movingZ".Q;
0181
0182 IF "CCW" AND "R_TRIG_rotating".Q THEN
0183     #position := #position + 0.5;
0184 END_IF;
0185 IF (#X31 OR #X41 OR #X81 OR #X83 OR #X111) AND "F_TRIG_rotating".Q THEN
0186     #position := #position + 0.5;
0187 END_IF;
0188
0189 IF "CW" AND "R_TRIG_rotating".Q THEN

```

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<pre> 0190 #position := #position - 0.5; 0191 END_IF; 0192 IF (#X61 OR #X71 OR #X101) AND "F_TRIG_rotating".Q THEN 0193 #position := #position - 0.5; 0194 END_IF; 0195 0196 IF #position = 4 THEN 0197 #position := 0; 0198 END_IF; 0199 IF #position < 0 THEN 0200 #position := 3.5; 0201 END_IF; 0202 0203 (*# Task 1 : GConv1_T1*) 0204 #X10 := #FTX11 OR #X10 AND NOT #FTX10 OR "init"; 0205 #X11 := (#FTX10 OR #X11 AND NOT #FTX11) AND NOT "init"; 0206 0207 (*# Etape : GConv2_T2*) 0208 #X20 := #FTX21 OR #X20 AND NOT #FTX20 OR "init"; 0209 #X21 := (#FTX20 OR #X21 AND NOT #FTX21) AND NOT "init"; 0210 0211 (*# Etape : GCCW0_1_T3*) 0212 #X30 := #FTX31 OR #X30 AND NOT #FTX30 OR "init"; 0213 #X31 := (#FTX30 OR #X31 AND NOT #FTX31) AND NOT "init"; 0214 0215 (*# Etape : GCCW1_2_T4*) 0216 #X40 := #FTX41 OR #X40 AND NOT #FTX40 OR "init"; 0217 #X41 := (#FTX40 OR #X41 AND NOT #FTX41) AND NOT "init"; 0218 0219 (*# Etape : GDEPOSER_T5*) 0220 #X50 := #FTX55 OR #X50 AND NOT #FTX50 OR "init"; 0221 #X51 := (#FTX50 OR #X51 AND NOT #FTX51) AND NOT "init"; 0222 #X52 := (#FTX51 OR #X52 AND NOT #FTX52) AND NOT "init"; 0223 #X53 := (#FTX52 OR #X53 AND NOT #FTX53) AND NOT "init"; 0224 #X54 := (#FTX53 OR #X54 AND NOT #FTX54) AND NOT "init"; 0225 #X55 := (#FTX54 OR #X55 AND NOT #FTX55) AND NOT "init"; 0226 0227 (*# Etape : GCW0_3_T6*) 0228 #X60 := #FTX61 OR #X60 AND NOT #FTX60 OR "init"; 0229 #X61 := (#FTX60 OR #X61 AND NOT #FTX61) AND NOT "init"; 0230 0231 (*# Etape : GCW3_2_T7*) 0232 #X70 := #FTX71 OR #X70 AND NOT #FTX70 OR "init"; 0233 #X71 := (#FTX70 OR #X71 AND NOT #FTX71) AND NOT "init"; 0234 0235 (*# Etape : GCCW2_0_T8*) 0236 #X80 := #FTX83 OR #X80 AND NOT #FTX80 OR "init"; 0237 #X81 := (#FTX80 OR #X81 AND NOT #FTX81) AND NOT "init"; 0238 #X82 := (#FTX81 OR #X82 AND NOT #FTX82) AND NOT "init"; 0239 #X83 := (#FTX82 OR #X83 AND NOT #FTX83) AND NOT "init"; 0240 0241 (*# Etape : GConv_Sortie_T9*) 0242 #X90 := #FTX91 OR #X90 AND NOT #FTX90 OR "init"; 0243 #X91 := (#FTX90 OR #X91 AND NOT #FTX91) AND NOT "init"; 0244 0245 (*# Etape : GCW3_2_T10*) 0246 #X100 := #FTX101 OR #X100 AND NOT #FTX100 OR "init"; 0247 #X101 := (#FTX100 OR #X101 AND NOT #FTX101) AND NOT "init"; 0248 </pre>		


```

0249 (*# Etape : GCCW2_3_T11*)
0250 #X110 := #FTX111 OR #X110 AND NOT #FTX110 OR "init";
0251 #X111 := (#FTX110 OR #X111 AND NOT #FTX111) AND NOT "init";
0252
0253 (*# Etape : GPRENDRE_1_T12*)
0254 #X120 := #FTX123 OR #X120 AND NOT #FTX120 OR "init";
0255 #X121 := (#FTX120 OR #X121 AND NOT #FTX121) AND NOT "init";
0256 #X122 := (#FTX121 OR #X122 AND NOT #FTX122) AND NOT "init";
0257 #X123 := (#FTX122 OR #X123 AND NOT #FTX123) AND NOT "init";
0258
0259 (*# Etape : GPRENDRE_2_T13*)
0260 #X130 := #FTX133 OR #X130 AND NOT #FTX130 OR "init";
0261 #X131 := (#FTX130 OR #X131 AND NOT #FTX131) AND NOT "init";
0262 #X132 := (#FTX131 OR #X132 AND NOT #FTX132) AND NOT "init";
0263 #X133 := (#FTX132 OR #X133 AND NOT #FTX133) AND NOT "init";
0264
0265 (*# Action*)
0266 IF #FTX52 THEN
0267     "Grab" := False;
0268 END_IF;
0269 IF #FTX121 THEN
0270     "Grab" := True;
0271 END_IF;
0272 IF #FTX131 THEN
0273     "Grab" := True;
0274 END_IF;
0275 "Conv1" := #X11;
0276 "Conv2" := #X21;
0277 IF #FTX30 OR #FTX40 OR #FTX80 OR #FTX82 OR #FTX110 THEN
0278     "CCW" := True;
0279 END_IF;
0280 IF (#X31 OR #X41 OR #X81 OR #X83 OR #X111) AND "R_TRIG_rotating".Q THEN
0281     "CCW" := False;
0282 END_IF;
0283 "MoveX" := #X51 OR #X52 OR #X53 OR #X54;
0284 "MoveZ" := #X52 OR #X53 OR #X121 OR #X122 OR #X131 OR #X132;
0285 IF #FTX60 OR #FTX70 OR #FTX100 THEN
0286     "CW" := True;
0287 END_IF;
0288 IF (#X61 OR #X71 OR #X101) AND "R_TRIG_rotating".Q THEN
0289     "CW" := False;
0290 END_IF;
0291 "Output_Conv" := #X91;
0292 "Feeding1" := #X11 OR NOT "debut_arrivee1";
0293 "Feeding2" := #X21 OR NOT "debut_arrivee2";
0294 "GripperCCW" := #X51;

```

Symbol	Address	Type	Comment
"CCW"	%Q0.3	Bool	
"Control Table".Action		Array	
"Control Table".State		Array	
"Conv1"	%Q0.1	Bool	
"Conv2"	%Q0.2	Bool	
"CW"	%Q0.6	Bool	
"debut_arrivee1"	%I0.4	Bool	
"debut_arrivee2"	%I0.5	Bool	
"detected"	%I1.0	Bool	
"F_TRIG_movingX".Q		Bool	
"F_TRIG_movingZ".Q		Bool	

Totally Integrated Automation Portal			
Symbol	Address	Type	Comment
"F_TRIG_rotating".Q		Bool	
"F_TRIG_sortie_piece".Q		Bool	
"Feeding1"	%Q1.0	Bool	
"Feeding2"	%Q1.1	Bool	
"Grab"	%Q0.0	Bool	
"GripperCCW"	%Q1.2	Bool	
"init"	%I1.2	Bool	
"MoveX"	%Q0.4	Bool	
"MoveZ"	%Q0.5	Bool	
"movingX"	%I0.0	Bool	
"movingZ"	%I0.1	Bool	
"Output_Conv"	%Q0.7	Bool	
"p_exit"	%I1.1	Bool	
"R_TRIG_movingX".Q		Bool	
"R_TRIG_movingZ".Q		Bool	
"R_TRIG_rotating".Q		Bool	
"rotating"	%I0.6	Bool	
"sortie_piece"	%I0.7	Bool	
"wait1"	%I0.2	Bool	
"wait2"	%I0.3	Bool	
#ActionFound		Int	
#bas		Bool	
#FTX10		Bool	
#FTX11		Bool	
#FTX20		Bool	
#FTX21		Bool	
#FTX30		Bool	
#FTX31		Bool	
#FTX40		Bool	
#FTX41		Bool	
#FTX50		Bool	
#FTX51		Bool	
#FTX52		Bool	
#FTX53		Bool	
#FTX54		Bool	
#FTX55		Bool	
#FTX60		Bool	
#FTX61		Bool	
#FTX70		Bool	
#FTX71		Bool	
#FTX80		Bool	
#FTX81		Bool	
#FTX82		Bool	
#FTX83		Bool	
#FTX90		Bool	
#FTX91		Bool	
#FTX100		Bool	
#FTX101		Bool	
#FTX110		Bool	
#FTX111		Bool	
#FTX120		Bool	
#FTX121		Bool	
#FTX122		Bool	
#FTX123		Bool	
#FTX130		Bool	
#FTX131		Bool	
#FTX132		Bool	

Totally Integrated Automation Portal			
Symbol	Address	Type	Comment
#FTX133		Bool	
#i		Int	
#position		Real	
#retracted		Bool	
#sorti		Bool	
#State		DInt	
#task[*].AUTf		Bool	
#task[*].IC		Bool	
#task[*].IS		Bool	
#task[1].AUT		Bool	
#task[1].AUTf		Bool	
#task[1].IC		Bool	
#task[1].IS		Bool	
#task[2].AUT		Bool	
#task[2].AUTf		Bool	
#task[2].IC		Bool	
#task[2].IS		Bool	
#task[3].AUT		Bool	
#task[3].AUTf		Bool	
#task[3].IC		Bool	
#task[3].IS		Bool	
#task[4].AUT		Bool	
#task[4].AUTf		Bool	
#task[4].IC		Bool	
#task[4].IS		Bool	
#task[5].AUT		Bool	
#task[5].AUTf		Bool	
#task[5].IC		Bool	
#task[5].IS		Bool	
#task[6].AUT		Bool	
#task[6].AUTf		Bool	
#task[6].IC		Bool	
#task[6].IS		Bool	
#task[7].AUT		Bool	
#task[7].AUTf		Bool	
#task[7].IC		Bool	
#task[7].IS		Bool	
#task[8].AUT		Bool	
#task[8].AUTf		Bool	
#task[8].IC		Bool	
#task[8].IS		Bool	
#task[9].AUT		Bool	
#task[9].AUTf		Bool	
#task[9].IC		Bool	
#task[9].IS		Bool	
#task[10].AUT		Bool	
#task[10].AUTf		Bool	
#task[10].IC		Bool	
#task[10].IS		Bool	
#task[11].AUT		Bool	
#task[11].AUTf		Bool	
#task[11].IC		Bool	
#task[11].IS		Bool	
#task[12].AUT		Bool	
#task[12].AUTf		Bool	
#task[12].IC		Bool	
#task[12].IS		Bool	

Totally Integrated Automation Portal			
Symbol	Address	Type	Comment
#task[13].AUT		Bool	
#task[13].AUTf		Bool	
#task[13].IC		Bool	
#task[13].IS		Bool	
#up		Bool	
#X10		Bool	
#X11		Bool	
#X20		Bool	
#X21		Bool	
#X30		Bool	
#X31		Bool	
#X40		Bool	
#X41		Bool	
#X50		Bool	
#X51		Bool	
#X52		Bool	
#X53		Bool	
#X54		Bool	
#X55		Bool	
#X60		Bool	
#X61		Bool	
#X70		Bool	
#X71		Bool	
#X80		Bool	
#X81		Bool	
#X82		Bool	
#X83		Bool	
#X90		Bool	
#X91		Bool	
#X100		Bool	
#X101		Bool	
#X110		Bool	
#X111		Bool	
#X120		Bool	
#X121		Bool	
#X122		Bool	
#X123		Bool	
#X130		Bool	
#X131		Bool	
#X132		Bool	
#X133		Bool	

Program blocks

Program_DB [DB10]

Program_DB Properties

General

Name	Program_DB	Number	10	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble from en- gineer- ing HMI/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
Input									
Output									
InOut									
▼ Static									
▼ task	Ar- ray[0..13] of Struct		False	True	True	True	False		
▼ task[0]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[1]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[2]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
IS	Bool	false	False	True	True	True	False		
▼ task[3]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[4]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[5]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[6]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
▼ task[7]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble from HM I/O PC UA/ Web API	Visible in HMI engi- neering	Set- point	Super- vision	Comment
IS	Bool	false	False	True	True	True	False		
▼ task[13]	Struct		False	True	True	True	False		
AUT	Bool	false	False	True	True	True	False		
AUTf	Bool	false	False	True	True	True	False		
IC	Bool	false	False	True	True	True	False		
IS	Bool	false	False	True	True	True	False		
FTX10	Bool	false	False	True	True	True	False		
FTX11	Bool	false	False	True	True	True	False		
FTX20	Bool	false	False	True	True	True	False		
FTX21	Bool	false	False	True	True	True	False		
FTX30	Bool	false	False	True	True	True	False		
FTX31	Bool	false	False	True	True	True	False		
FTX40	Bool	false	False	True	True	True	False		
FTX41	Bool	false	False	True	True	True	False		
FTX50	Bool	false	False	True	True	True	False		
FTX51	Bool	false	False	True	True	True	False		
FTX52	Bool	false	False	True	True	True	False		
FTX53	Bool	false	False	True	True	True	False		
FTX54	Bool	false	False	True	True	True	False		
FTX55	Bool	false	False	True	True	True	False		
FTX60	Bool	false	False	True	True	True	False		
FTX61	Bool	false	False	True	True	True	False		
FTX70	Bool	false	False	True	True	True	False		
FTX71	Bool	false	False	True	True	True	False		
FTX80	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
FTX81	Bool	false	False	True	True	True	False		
FTX82	Bool	false	False	True	True	True	False		
FTX83	Bool	false	False	True	True	True	False		
FTX90	Bool	false	False	True	True	True	False		
FTX91	Bool	false	False	True	True	True	False		
FTX100	Bool	false	False	True	True	True	False		
FTX101	Bool	false	False	True	True	True	False		
FTX110	Bool	false	False	True	True	True	False		
FTX111	Bool	false	False	True	True	True	False		
FTX120	Bool	false	False	True	True	True	False		
FTX121	Bool	false	False	True	True	True	False		
FTX122	Bool	false	False	True	True	True	False		
FTX123	Bool	false	False	True	True	True	False		
FTX130	Bool	false	False	True	True	True	False		
FTX131	Bool	false	False	True	True	True	False		
FTX132	Bool	false	False	True	True	True	False		
FTX133	Bool	false	False	True	True	True	False		
position	Real	0.0	False	True	True	True	False		
X10	Bool	false	False	True	True	True	False		
X11	Bool	false	False	True	True	True	False		
X20	Bool	false	False	True	True	True	False		
X21	Bool	false	False	True	True	True	False		
X30	Bool	false	False	True	True	True	False		
X31	Bool	false	False	True	True	True	False		
X40	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neering	Set- point	Super- vision	Comment
X41	Bool	false	False	True	True	True	False		
X50	Bool	false	False	True	True	True	False		
X51	Bool	false	False	True	True	True	False		
X52	Bool	false	False	True	True	True	False		
X53	Bool	false	False	True	True	True	False		
X54	Bool	false	False	True	True	True	False		
X55	Bool	false	False	True	True	True	False		
X60	Bool	false	False	True	True	True	False		
X61	Bool	false	False	True	True	True	False		
X70	Bool	false	False	True	True	True	False		
X71	Bool	false	False	True	True	True	False		
X80	Bool	false	False	True	True	True	False		
X81	Bool	false	False	True	True	True	False		
X82	Bool	false	False	True	True	True	False		
X83	Bool	false	False	True	True	True	False		
X90	Bool	false	False	True	True	True	False		
X91	Bool	false	False	True	True	True	False		
X100	Bool	false	False	True	True	True	False		
X101	Bool	false	False	True	True	True	False		
X110	Bool	false	False	True	True	True	False		
X111	Bool	false	False	True	True	True	False		
X120	Bool	false	False	True	True	True	False		
X121	Bool	false	False	True	True	True	False		
X122	Bool	false	False	True	True	True	False		
X123	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal

Program blocks

Control Table [DB1]

Control Table Properties

General

Name	Control Table	Number	1	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access-ible from HMI/O PC UA/We b API	Wri-ta-ble from engineering	Visible in HMI	Set-point	Super- vision	Comment
▼ Static									
▼ State	Ar- ray[0..235] of DInt		False	True	True	True	False		
State[0]	DInt	0	False	True	True	True	False		
State[1]	DInt	3528021	False	True	True	True	False		
State[2]	DInt	5592151	False	True	True	True	False		
State[3]	DInt	5592407	False	True	True	True	False		
State[4]	DInt	5594613	False	True	True	True	False		
State[5]	DInt	5594869	False	True	True	True	False		
State[6]	DInt	5723477	False	True	True	True	False		
State[7]	DInt	6116693	False	True	True	True	False		
State[8]	DInt	7705941	False	True	True	True	False		
State[9]	DInt	7722325	False	True	True	True	False		
State[10]	DInt	9789141	False	True	True	True	False		
State[11]	DInt	9789397	False	True	True	True	False		
State[12]	DInt	9794901	False	True	True	True	False		
State[13]	DInt	9917781	False	True	True	True	False		
State[14]	DInt	10310997	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[15]	DInt	11883605	False	True	True	True	False		
State[16]	DInt	11883861	False	True	True	True	False		
State[17]	DInt	13976661	False	True	True	True	False		
State[18]	DInt	13988949	False	True	True	True	False		
State[19]	DInt	13989205	False	True	True	True	False		
State[20]	DInt	14112085	False	True	True	True	False		
State[21]	DInt	16078165	False	True	True	True	False		
State[22]	DInt	18174805	False	True	True	True	False		
State[23]	DInt	18175069	False	True	True	True	False		
State[24]	DInt	18175325	False	True	True	True	False		
State[25]	DInt	18177525	False	True	True	True	False		
State[26]	DInt	18183509	False	True	True	True	False		
State[27]	DInt	18306389	False	True	True	True	False		
State[28]	DInt	19256661	False	True	True	True	False		
State[29]	DInt	20305237	False	True	True	True	False		
State[30]	DInt	20305493	False	True	True	True	False		
State[31]	DInt	21321045	False	True	True	True	False		
State[32]	DInt	22304085	False	True	True	True	False		
State[33]	DInt	22304597	False	True	True	True	False		
State[34]	DInt	22306805	False	True	True	True	False		
State[35]	DInt	22353237	False	True	True	True	False		
State[36]	DInt	22368341	False	True	True	True	False		
State[37]	DInt	22368343	False	True	True	True	False		
State[38]	DInt	22369109	False	True	True	True	False		
State[39]	DInt	22369111	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[40]	DInt	22369301	False	True	True	True	False		
State[41]	DInt	22369349	False	True	True	True	False		
State[42]	DInt	22369361	False	True	True	True	False		
State[43]	DInt	22369364	False	True	True	True	False		
State[44]	DInt	22369367	False	True	True	True	False		
State[45]	DInt	22369373	False	True	True	True	False		
State[46]	DInt	22369617	False	True	True	True	False		
State[47]	DInt	22369620	False	True	True	True	False		
State[48]	DInt	22369623	False	True	True	True	False		
State[49]	DInt	22369629	False	True	True	True	False		
State[50]	DInt	22369813	False	True	True	True	False		
State[51]	DInt	22369879	False	True	True	True	False		
State[52]	DInt	22369885	False	True	True	True	False		
State[53]	DInt	22370069	False	True	True	True	False		
State[54]	DInt	22370117	False	True	True	True	False		
State[55]	DInt	22370129	False	True	True	True	False		
State[56]	DInt	22370135	False	True	True	True	False		
State[57]	DInt	22370141	False	True	True	True	False		
State[58]	DInt	22370805	False	True	True	True	False		
State[59]	DInt	22371317	False	True	True	True	False		
State[60]	DInt	22371573	False	True	True	True	False		
State[61]	DInt	22371813	False	True	True	True	False		
State[62]	DInt	22371829	False	True	True	True	False		
State[63]	DInt	22372085	False	True	True	True	False		
State[64]	DInt	22372277	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[65]	DInt	22372325	False	True	True	True	False		
State[66]	DInt	22372341	False	True	True	True	False		
State[67]	DInt	22373717	False	True	True	True	False		
State[68]	DInt	22377813	False	True	True	True	False		
State[69]	DInt	22500693	False	True	True	True	False		
State[70]	DInt	22631765	False	True	True	True	False		
State[71]	DInt	23450965	False	True	True	True	False		
State[72]	DInt	23451221	False	True	True	True	False		
State[73]	DInt	24483157	False	True	True	True	False		
State[74]	DInt	24499285	False	True	True	True	False		
State[75]	DInt	24499541	False	True	True	True	False		
State[76]	DInt	25515349	False	True	True	True	False		
State[77]	DInt	25515861	False	True	True	True	False		
State[78]	DInt	26498389	False	True	True	True	False		
State[79]	DInt	26498901	False	True	True	True	False		
State[80]	DInt	26501077	False	True	True	True	False		
State[81]	DInt	26559829	False	True	True	True	False		
State[82]	DInt	26562645	False	True	True	True	False		
State[83]	DInt	26563413	False	True	True	True	False		
State[84]	DInt	26563677	False	True	True	True	False		
State[85]	DInt	26563921	False	True	True	True	False		
State[86]	DInt	26563933	False	True	True	True	False		
State[87]	DInt	26564189	False	True	True	True	False		
State[88]	DInt	26564373	False	True	True	True	False		
State[89]	DInt	26564433	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[90]	DInt	26564445	False	True	True	True	False		
State[91]	DInt	26565333	False	True	True	True	False		
State[92]	DInt	26565589	False	True	True	True	False		
State[93]	DInt	26565845	False	True	True	True	False		
State[94]	DInt	26566101	False	True	True	True	False		
State[95]	DInt	26566357	False	True	True	True	False		
State[96]	DInt	26566549	False	True	True	True	False		
State[97]	DInt	26566613	False	True	True	True	False		
State[98]	DInt	26568021	False	True	True	True	False		
State[99]	DInt	26571861	False	True	True	True	False		
State[100]	DInt	26572117	False	True	True	True	False		
State[101]	DInt	26694741	False	True	True	True	False		
State[102]	DInt	26694997	False	True	True	True	False		
State[103]	DInt	26826069	False	True	True	True	False		
State[104]	DInt	27612245	False	True	True	True	False		
State[105]	DInt	27612501	False	True	True	True	False		
State[106]	DInt	27613013	False	True	True	True	False		
State[107]	DInt	28660821	False	True	True	True	False		
State[108]	DInt	28661077	False	True	True	True	False		
State[109]	DInt	28661333	False	True	True	True	False		
State[110]	DInt	28661589	False	True	True	True	False		
State[111]	DInt	29709653	False	True	True	True	False		
State[112]	DInt	30692693	False	True	True	True	False		
State[113]	DInt	30693205	False	True	True	True	False		
State[114]	DInt	30695381	False	True	True	True	False		

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
State[115]	DInt	30753877	False	True	True	True	False			
State[116]	DInt	30754133	False	True	True	True	False			
State[117]	DInt	30756949	False	True	True	True	False			
State[118]	DInt	30757461	False	True	True	True	False			
State[119]	DInt	30758225	False	True	True	True	False			
State[120]	DInt	30758228	False	True	True	True	False			
State[121]	DInt	30758237	False	True	True	True	False			
State[122]	DInt	30759637	False	True	True	True	False			
State[123]	DInt	30760661	False	True	True	True	False			
State[124]	DInt	30760917	False	True	True	True	False			
State[125]	DInt	30762069	False	True	True	True	False			
State[126]	DInt	30762325	False	True	True	True	False			
State[127]	DInt	30766165	False	True	True	True	False			
State[128]	DInt	30766421	False	True	True	True	False			
State[129]	DInt	30889045	False	True	True	True	False			
State[130]	DInt	30889301	False	True	True	True	False			
State[131]	DInt	31806805	False	True	True	True	False			
State[132]	DInt	32855125	False	True	True	True	False			
State[133]	DInt	32855381	False	True	True	True	False			
State[134]	DInt	34954869	False	True	True	True	False			
State[135]	DInt	34955125	False	True	True	True	False			
State[136]	DInt	34985045	False	True	True	True	False			
State[137]	DInt	34985301	False	True	True	True	False			
State[138]	DInt	35083605	False	True	True	True	False			
State[139]	DInt	35476821	False	True	True	True	False			

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
State[140]	DInt	38884693	False	True	True	True	False			
State[141]	DInt	39081301	False	True	True	True	False			
State[142]	DInt	39081813	False	True	True	True	False			
State[143]	DInt	39083893	False	True	True	True	False			
State[144]	DInt	39145557	False	True	True	True	False			
State[145]	DInt	39145559	False	True	True	True	False			
State[146]	DInt	39146325	False	True	True	True	False			
State[147]	DInt	39146327	False	True	True	True	False			
State[148]	DInt	39146583	False	True	True	True	False			
State[149]	DInt	39146836	False	True	True	True	False			
State[150]	DInt	39146839	False	True	True	True	False			
State[151]	DInt	39148405	False	True	True	True	False			
State[152]	DInt	39148661	False	True	True	True	False			
State[153]	DInt	39148917	False	True	True	True	False			
State[154]	DInt	39149157	False	True	True	True	False			
State[155]	DInt	39149173	False	True	True	True	False			
State[156]	DInt	39149413	False	True	True	True	False			
State[157]	DInt	39149429	False	True	True	True	False			
State[158]	DInt	39163221	False	True	True	True	False			
State[159]	DInt	39179349	False	True	True	True	False			
State[160]	DInt	39179605	False	True	True	True	False			
State[161]	DInt	39179861	False	True	True	True	False			
State[162]	DInt	39277653	False	True	True	True	False			
State[163]	DInt	39277909	False	True	True	True	False			
State[164]	DInt	39408981	False	True	True	True	False			

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[165]	DInt	39670869	False	True	True	True	False		
State[166]	DInt	39671125	False	True	True	True	False		
State[167]	DInt	43078997	False	True	True	True	False		
State[168]	DInt	43337045	False	True	True	True	False		
State[169]	DInt	43340629	False	True	True	True	False		
State[170]	DInt	43340885	False	True	True	True	False		
State[171]	DInt	43341141	False	True	True	True	False		
State[172]	DInt	43341653	False	True	True	True	False		
State[173]	DInt	43342677	False	True	True	True	False		
State[174]	DInt	43342933	False	True	True	True	False		
State[175]	DInt	43343189	False	True	True	True	False		
State[176]	DInt	43343445	False	True	True	True	False		
State[177]	DInt	43343701	False	True	True	True	False		
State[178]	DInt	43349077	False	True	True	True	False		
State[179]	DInt	43349333	False	True	True	True	False		
State[180]	DInt	43471957	False	True	True	True	False		
State[181]	DInt	43472213	False	True	True	True	False		
State[182]	DInt	43865173	False	True	True	True	False		
State[183]	DInt	43865429	False	True	True	True	False		
State[184]	DInt	47469909	False	True	True	True	False		
State[185]	DInt	47470421	False	True	True	True	False		
State[186]	DInt	47472469	False	True	True	True	False		
State[187]	DInt	47531093	False	True	True	True	False		
State[188]	DInt	47531349	False	True	True	True	False		
State[189]	DInt	47535444	False	True	True	True	False		

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
State[190]	DInt	47535445	False	True	True	True	False			
State[191]	DInt	47537749	False	True	True	True	False			
State[192]	DInt	47538005	False	True	True	True	False			
State[193]	DInt	47539285	False	True	True	True	False			
State[194]	DInt	47539541	False	True	True	True	False			
State[195]	DInt	47543381	False	True	True	True	False			
State[196]	DInt	47543637	False	True	True	True	False			
State[197]	DInt	47666517	False	True	True	True	False			
State[198]	DInt	51762517	False	True	True	True	False			
State[199]	DInt	51860821	False	True	True	True	False			
State[200]	DInt	51991893	False	True	True	True	False			
State[201]	DInt	52253781	False	True	True	True	False			
State[202]	DInt	52254037	False	True	True	True	False			
State[203]	DInt	55661653	False	True	True	True	False			
State[204]	DInt	55661909	False	True	True	True	False			
State[205]	DInt	55858517	False	True	True	True	False			
State[206]	DInt	55907669	False	True	True	True	False			
State[207]	DInt	55923793	False	True	True	True	False			
State[208]	DInt	55924049	False	True	True	True	False			
State[209]	DInt	55924055	False	True	True	True	False			
State[210]	DInt	55940437	False	True	True	True	False			
State[211]	DInt	55956821	False	True	True	True	False			
State[212]	DInt	56055125	False	True	True	True	False			
State[213]	DInt	56185941	False	True	True	True	False			
State[214]	DInt	56186197	False	True	True	True	False			

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
State[215]	DInt	56448085	False	True	True	True	False		
State[216]	DInt	56448341	False	True	True	True	False		
State[217]	DInt	59855957	False	True	True	True	False		
State[218]	DInt	59856213	False	True	True	True	False		
State[219]	DInt	60052821	False	True	True	True	False		
State[220]	DInt	60053333	False	True	True	True	False		
State[221]	DInt	60055381	False	True	True	True	False		
State[222]	DInt	60118353	False	True	True	True	False		
State[223]	DInt	60118357	False	True	True	True	False		
State[224]	DInt	60118865	False	True	True	True	False		
State[225]	DInt	60120917	False	True	True	True	False		
State[226]	DInt	60249173	False	True	True	True	False		
State[227]	DInt	60249429	False	True	True	True	False		
State[228]	DInt	60380245	False	True	True	True	False		
State[229]	DInt	60380501	False	True	True	True	False		
State[230]	DInt	60642389	False	True	True	True	False		
State[231]	DInt	60642645	False	True	True	True	False		
State[232]	DInt	60642901	False	True	True	True	False		
State[233]	DInt	60643153	False	True	True	True	False		
State[234]	DInt	64312661	False	True	True	True	False		
State[235]	DInt	67108865	False	True	True	True	False		
▼ Action	Ar- ray[0..235] of Int		False	True	True	True	False		
Action[0]	Int	2	False	True	True	True	False		
Action[1]	Int	0	False	True	True	True	False		

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[2]	Int	13	False	True	True	True	False			
Action[3]	Int	13	False	True	True	True	False			
Action[4]	Int	11	False	True	True	True	False			
Action[5]	Int	0	False	True	True	True	False			
Action[6]	Int	5	False	True	True	True	False			
Action[7]	Int	4	False	True	True	True	False			
Action[8]	Int	0	False	True	True	True	False			
Action[9]	Int	3	False	True	True	True	False			
Action[10]	Int	8	False	True	True	True	False			
Action[11]	Int	10	False	True	True	True	False			
Action[12]	Int	7	False	True	True	True	False			
Action[13]	Int	5	False	True	True	True	False			
Action[14]	Int	4	False	True	True	True	False			
Action[15]	Int	3	False	True	True	True	False			
Action[16]	Int	3	False	True	True	True	False			
Action[17]	Int	0	False	True	True	True	False			
Action[18]	Int	2	False	True	True	True	False			
Action[19]	Int	7	False	True	True	True	False			
Action[20]	Int	5	False	True	True	True	False			
Action[21]	Int	3	False	True	True	True	False			
Action[22]	Int	0	False	True	True	True	False			
Action[23]	Int	12	False	True	True	True	False			
Action[24]	Int	12	False	True	True	True	False			
Action[25]	Int	8	False	True	True	True	False			
Action[26]	Int	7	False	True	True	True	False			

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
Action[27]	Int	5	False	True	True	True	False		
Action[28]	Int	0	False	True	True	True	False		
Action[29]	Int	6	False	True	True	True	False		
Action[30]	Int	3	False	True	True	True	False		
Action[31]	Int	0	False	True	True	True	False		
Action[32]	Int	0	False	True	True	True	False		
Action[33]	Int	0	False	True	True	True	False		
Action[34]	Int	0	False	True	True	True	False		
Action[35]	Int	0	False	True	True	True	False		
Action[36]	Int	0	False	True	True	True	False		
Action[37]	Int	0	False	True	True	True	False		
Action[38]	Int	9	False	True	True	True	False		
Action[39]	Int	9	False	True	True	True	False		
Action[40]	Int	0	False	True	True	True	False		
Action[41]	Int	0	False	True	True	True	False		
Action[42]	Int	0	False	True	True	True	False		
Action[43]	Int	0	False	True	True	True	False		
Action[44]	Int	13	False	True	True	True	False		
Action[45]	Int	12	False	True	True	True	False		
Action[46]	Int	0	False	True	True	True	False		
Action[47]	Int	0	False	True	True	True	False		
Action[48]	Int	13	False	True	True	True	False		
Action[49]	Int	12	False	True	True	True	False		
Action[50]	Int	0	False	True	True	True	False		
Action[51]	Int	0	False	True	True	True	False		

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[52]	Int	0	False	True	True	True	False			
Action[53]	Int	9	False	True	True	True	False			
Action[54]	Int	9	False	True	True	True	False			
Action[55]	Int	9	False	True	True	True	False			
Action[56]	Int	9	False	True	True	True	False			
Action[57]	Int	12	False	True	True	True	False			
Action[58]	Int	0	False	True	True	True	False			
Action[59]	Int	9	False	True	True	True	False			
Action[60]	Int	11	False	True	True	True	False			
Action[61]	Int	0	False	True	True	True	False			
Action[62]	Int	8	False	True	True	True	False			
Action[63]	Int	11	False	True	True	True	False			
Action[64]	Int	9	False	True	True	True	False			
Action[65]	Int	9	False	True	True	True	False			
Action[66]	Int	9	False	True	True	True	False			
Action[67]	Int	0	False	True	True	True	False			
Action[68]	Int	7	False	True	True	True	False			
Action[69]	Int	5	False	True	True	True	False			
Action[70]	Int	0	False	True	True	True	False			
Action[71]	Int	0	False	True	True	True	False			
Action[72]	Int	0	False	True	True	True	False			
Action[73]	Int	0	False	True	True	True	False			
Action[74]	Int	6	False	True	True	True	False			
Action[75]	Int	3	False	True	True	True	False			
Action[76]	Int	0	False	True	True	True	False			

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[77]	Int	9	False	True	True	True	False			
Action[78]	Int	0	False	True	True	True	False			
Action[79]	Int	0	False	True	True	True	False			
Action[80]	Int	0	False	True	True	True	False			
Action[81]	Int	0	False	True	True	True	False			
Action[82]	Int	0	False	True	True	True	False			
Action[83]	Int	0	False	True	True	True	False			
Action[84]	Int	12	False	True	True	True	False			
Action[85]	Int	0	False	True	True	True	False			
Action[86]	Int	12	False	True	True	True	False			
Action[87]	Int	12	False	True	True	True	False			
Action[88]	Int	9	False	True	True	True	False			
Action[89]	Int	0	False	True	True	True	False			
Action[90]	Int	9	False	True	True	True	False			
Action[91]	Int	0	False	True	True	True	False			
Action[92]	Int	9	False	True	True	True	False			
Action[93]	Int	10	False	True	True	True	False			
Action[94]	Int	8	False	True	True	True	False			
Action[95]	Int	10	False	True	True	True	False			
Action[96]	Int	9	False	True	True	True	False			
Action[97]	Int	9	False	True	True	True	False			
Action[98]	Int	0	False	True	True	True	False			
Action[99]	Int	7	False	True	True	True	False			
Action[100]	Int	7	False	True	True	True	False			
Action[101]	Int	0	False	True	True	True	False			

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[102]	Int	5	False	True	True	True	False			
Action[103]	Int	0	False	True	True	True	False			
Action[104]	Int	0	False	True	True	True	False			
Action[105]	Int	0	False	True	True	True	False			
Action[106]	Int	0	False	True	True	True	False			
Action[107]	Int	3	False	True	True	True	False			
Action[108]	Int	3	False	True	True	True	False			
Action[109]	Int	3	False	True	True	True	False			
Action[110]	Int	9	False	True	True	True	False			
Action[111]	Int	2	False	True	True	True	False			
Action[112]	Int	2	False	True	True	True	False			
Action[113]	Int	2	False	True	True	True	False			
Action[114]	Int	2	False	True	True	True	False			
Action[115]	Int	2	False	True	True	True	False			
Action[116]	Int	0	False	True	True	True	False			
Action[117]	Int	0	False	True	True	True	False			
Action[118]	Int	0	False	True	True	True	False			
Action[119]	Int	2	False	True	True	True	False			
Action[120]	Int	0	False	True	True	True	False			
Action[121]	Int	12	False	True	True	True	False			
Action[122]	Int	0	False	True	True	True	False			
Action[123]	Int	8	False	True	True	True	False			
Action[124]	Int	9	False	True	True	True	False			
Action[125]	Int	2	False	True	True	True	False			
Action[126]	Int	2	False	True	True	True	False			

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[127]	Int	7	False	True	True	True	False			
Action[128]	Int	7	False	True	True	True	False			
Action[129]	Int	2	False	True	True	True	False			
Action[130]	Int	5	False	True	True	True	False			
Action[131]	Int	0	False	True	True	True	False			
Action[132]	Int	0	False	True	True	True	False			
Action[133]	Int	2	False	True	True	True	False			
Action[134]	Int	11	False	True	True	True	False			
Action[135]	Int	11	False	True	True	True	False			
Action[136]	Int	0	False	True	True	True	False			
Action[137]	Int	6	False	True	True	True	False			
Action[138]	Int	0	False	True	True	True	False			
Action[139]	Int	4	False	True	True	True	False			
Action[140]	Int	0	False	True	True	True	False			
Action[141]	Int	0	False	True	True	True	False			
Action[142]	Int	0	False	True	True	True	False			
Action[143]	Int	0	False	True	True	True	False			
Action[144]	Int	0	False	True	True	True	False			
Action[145]	Int	0	False	True	True	True	False			
Action[146]	Int	9	False	True	True	True	False			
Action[147]	Int	9	False	True	True	True	False			
Action[148]	Int	13	False	True	True	True	False			
Action[149]	Int	0	False	True	True	True	False			
Action[150]	Int	13	False	True	True	True	False			
Action[151]	Int	9	False	True	True	True	False			

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
Action[152]	Int	11	False	True	True	True	False		
Action[153]	Int	0	False	True	True	True	False		
Action[154]	Int	0	False	True	True	True	False		
Action[155]	Int	11	False	True	True	True	False		
Action[156]	Int	9	False	True	True	True	False		
Action[157]	Int	9	False	True	True	True	False		
Action[158]	Int	0	False	True	True	True	False		
Action[159]	Int	6	False	True	True	True	False		
Action[160]	Int	6	False	True	True	True	False		
Action[161]	Int	0	False	True	True	True	False		
Action[162]	Int	0	False	True	True	True	False		
Action[163]	Int	5	False	True	True	True	False		
Action[164]	Int	0	False	True	True	True	False		
Action[165]	Int	4	False	True	True	True	False		
Action[166]	Int	4	False	True	True	True	False		
Action[167]	Int	0	False	True	True	True	False		
Action[168]	Int	0	False	True	True	True	False		
Action[169]	Int	9	False	True	True	True	False		
Action[170]	Int	0	False	True	True	True	False		
Action[171]	Int	0	False	True	True	True	False		
Action[172]	Int	9	False	True	True	True	False		
Action[173]	Int	9	False	True	True	True	False		
Action[174]	Int	0	False	True	True	True	False		
Action[175]	Int	8	False	True	True	True	False		
Action[176]	Int	8	False	True	True	True	False		

Totally Integrated Automation Portal										
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/We b API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment	
Action[177]	Int	9	False	True	True	True	False			
Action[178]	Int	7	False	True	True	True	False			
Action[179]	Int	7	False	True	True	True	False			
Action[180]	Int	0	False	True	True	True	False			
Action[181]	Int	5	False	True	True	True	False			
Action[182]	Int	0	False	True	True	True	False			
Action[183]	Int	4	False	True	True	True	False			
Action[184]	Int	0	False	True	True	True	False			
Action[185]	Int	2	False	True	True	True	False			
Action[186]	Int	0	False	True	True	True	False			
Action[187]	Int	2	False	True	True	True	False			
Action[188]	Int	2	False	True	True	True	False			
Action[189]	Int	0	False	True	True	True	False			
Action[190]	Int	2	False	True	True	True	False			
Action[191]	Int	2	False	True	True	True	False			
Action[192]	Int	9	False	True	True	True	False			
Action[193]	Int	2	False	True	True	True	False			
Action[194]	Int	2	False	True	True	True	False			
Action[195]	Int	7	False	True	True	True	False			
Action[196]	Int	7	False	True	True	True	False			
Action[197]	Int	5	False	True	True	True	False			
Action[198]	Int	1	False	True	True	True	False			
Action[199]	Int	1	False	True	True	True	False			
Action[200]	Int	0	False	True	True	True	False			
Action[201]	Int	4	False	True	True	True	False			

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA/Web API	Wri- ta- ble fro m HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
Action[202]	Int	1	False	True	True	True	False		
Action[203]	Int	1	False	True	True	True	False		
Action[204]	Int	1	False	True	True	True	False		
Action[205]	Int	1	False	True	True	True	False		
Action[206]	Int	0	False	True	True	True	False		
Action[207]	Int	0	False	True	True	True	False		
Action[208]	Int	0	False	True	True	True	False		
Action[209]	Int	1	False	True	True	True	False		
Action[210]	Int	1	False	True	True	True	False		
Action[211]	Int	1	False	True	True	True	False		
Action[212]	Int	5	False	True	True	True	False		
Action[213]	Int	1	False	True	True	True	False		
Action[214]	Int	1	False	True	True	True	False		
Action[215]	Int	1	False	True	True	True	False		
Action[216]	Int	4	False	True	True	True	False		
Action[217]	Int	1	False	True	True	True	False		
Action[218]	Int	1	False	True	True	True	False		
Action[219]	Int	1	False	True	True	True	False		
Action[220]	Int	1	False	True	True	True	False		
Action[221]	Int	0	False	True	True	True	False		
Action[222]	Int	0	False	True	True	True	False		
Action[223]	Int	1	False	True	True	True	False		
Action[224]	Int	0	False	True	True	True	False		
Action[225]	Int	1	False	True	True	True	False		
Action[226]	Int	0	False	True	True	True	False		

State_Action_DB [DB2]

State_Action_DB Properties

General	
1	General
2	General
3	General
4	General
5	General
6	General
7	General
8	General
9	General
10	General
11	General
12	General
13	General
14	General
15	General
16	General
17	General
18	General
19	General
20	General
21	General
22	General
23	General
24	General
25	General
26	General
27	General
28	General
29	General
30	General
31	General
32	General
33	General
34	General
35	General
36	General
37	General
38	General
39	General
40	General
41	General
42	General
43	General
44	General
45	General
46	General
47	General
48	General
49	General
50	General
51	General
52	General
53	General
54	General
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56	General
57	General
58	General
59	General
60	General
61	General
62	General
63	General
64	General
65	General
66	General
67	General
68	General
69	General
70	General
71	General
72	General
73	General
74	General
75	General
76	General
77	General
78	General
79	General
80	General
81	General
82	General
83	General
84	General
85	General
86	General
87	General
88	General
89	General
90	General
91	General
92	General
93	General
94	General
95	General
96	General
97	General
98	General
99	General
100	General

Name	State_Action_DB	Number	2	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Accessible from HMI/O PC UA/Web API	Writable from HM I/O PC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Input									
S_State	DInt	0	False	True	True	True	False		
▼ Output									
Action	Int	0	False	True	True	True	False		
▼ InOut									
ArEtat	Array[*] of DInt		False	False	False	False	False		
ArAction	Array[*] of Int		False	False	False	False	False		
Static									

Program blocks / System blocks / Program resources

R_TRIG [FB1001]

R_TRIG Properties					
General					
Name	R_TRIG	Number	1001	Type	FB
Language	SCL	Numbering	Automatic		
Information					
Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	R_TRIG

Name	Data type	Default value	Retain	Access- sible from HMI/OP C UA/We b API	Wri- ta- ble from HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
CLK	Bool	false	Non-retain	True	True	True	False		
▼ Output									
Q	Bool	false	Non-retain	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	Non-retain	True	True	True	False		

R_TRIG_movingX [DB4]

R_TRIG_movingX Properties

General	
1	General
2	General
3	General
4	General
5	General
6	General
7	General
8	General
9	General
10	General
11	General
12	General
13	General
14	General
15	General
16	General
17	General
18	General
19	General
20	General
21	General
22	General
23	General
24	General
25	General
26	General
27	General
28	General
29	General
30	General
31	General
32	General
33	General
34	General
35	General
36	General
37	General
38	General
39	General
40	General
41	General
42	General
43	General
44	General
45	General
46	General
47	General
48	General
49	General
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52	General
53	General
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57	General
58	General
59	General
60	General
61	General
62	General
63	General
64	General
65	General
66	General
67	General
68	General
69	General
70	General
71	General
72	General
73	General
74	General
75	General
76	General
77	General
78	General
79	General
80	General
81	General
82	General
83	General
84	General
85	General
86	General
87	General
88	General
89	General
90	General
91	General
92	General
93	General
94	General
95	General
96	General
97	General
98	General
99	General
100	General

Name	R_TRIG_movingX	Number	4	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	R_TRIG

Name	Data type	Start value	Retain	Accessible from HMI/O PC UA/Web API	Writable from HMI/O PC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		

Program blocks / System blocks / Program resources

R_TRIG_movingZ [DB3]

R_TRIG_movingZ Properties					
General					
Name	R_TRIG_movingZ	Number	3	Type	DB
Language	DB	Numbering	Automatic		
Information					
Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	R_TRIG

Name	Data type	Start value	Retain	Access- sible from HMI/O PC UA/We b API	Wri- ta- ble fro m eng- neer- ing	Visible in HMI	Set- point	Super- vision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		

Program blocks / System blocks / Program resources

F_TRIG [FB1002]

F_TRIG Properties					
General					
Name	F_TRIG	Number	1002	Type	FB
Language	SCL	Numbering	Automatic		
Information					
Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	F_TRIG

Name	Data type	Default value	Retain	Access- sible from HMI/OP C UA/We b API	Wri- ta- ble from HM I/O PC UA/ We b API	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
CLK	Bool	false	Non-retain	True	True	True	False		
▼ Output									
Q	Bool	false	Non-retain	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	Non-retain	True	True	True	False		

Program blocks / System blocks / Program resources

F_TRIG_movingX [DB5]

F_TRIG_movingX Properties					
General					
Name	F_TRIG_movingX	Number	5	Type	DB
Language	DB	Numbering	Automatic		
Information					
Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	F_TRIG

Name	Data type	Start value	Retain	Access- sible from HMI/O PC UA/We b API	Wri- ta- ble fro m eng- neer- ing	Visible in HMI	Set- point	Super- vision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal

Program blocks / System blocks / Program resources

F_TRIG_movingZ [DB6]

F_TRIG_movingZ Properties

General

Name	F_TRIG_movingZ	Number	6	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	F_TRIG

Name	Data type	Start value	Retain	Access- sible from HMI/O PC UA/Web API	Wri- ta- ble fro m en- gineer- ing	Visible in HMI	Set- point	Super- vision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		

R_TRIG_rotating [DB8]

R_TRIG_rotating Properties

General	
1	General
2	General
3	General
4	General
5	General
6	General
7	General
8	General
9	General
10	General
11	General
12	General
13	General
14	General
15	General
16	General
17	General
18	General
19	General
20	General
21	General
22	General
23	General
24	General
25	General
26	General
27	General
28	General
29	General
30	General
31	General
32	General
33	General
34	General
35	General
36	General
37	General
38	General
39	General
40	General
41	General
42	General
43	General
44	General
45	General
46	General
47	General
48	General
49	General
50	General
51	General
52	General
53	General
54	General
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57	General
58	General
59	General
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63	General
64	General
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67	General
68	General
69	General
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71	General
72	General
73	General
74	General
75	General
76	General
77	General
78	General
79	General
80	General
81	General
82	General
83	General
84	General
85	General
86	General
87	General
88	General
89	General
90	General
91	General
92	General
93	General
94	General
95	General
96	General
97	General
98	General
99	General
100	General

Name	R_TRIG_rotating	Number	8	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	R_TRIG

Name	Data type	Start value	Retain	Accessible from HMI/O PC UA/Web API	Writable from HMI/O PC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		

F_TRIG_sortie_piece [DB9]

F_TRIG_sortie_piece Properties

General	
1	General
2	General
3	General
4	General
5	General
6	General
7	General
8	General
9	General
10	General
11	General
12	General
13	General
14	General
15	General
16	General
17	General
18	General
19	General
20	General
21	General
22	General
23	General
24	General
25	General
26	General
27	General
28	General
29	General
30	General
31	General
32	General
33	General
34	General
35	General
36	General
37	General
38	General
39	General
40	General
41	General
42	General
43	General
44	General
45	General
46	General
47	General
48	General
49	General
50	General
51	General
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57	General
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62	General
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64	General
65	General
66	General
67	General
68	General
69	General
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71	General
72	General
73	General
74	General
75	General
76	General
77	General
78	General
79	General
80	General
81	General
82	General
83	General
84	General
85	General
86	General
87	General
88	General
89	General
90	General
91	General
92	General
93	General
94	General
95	General
96	General
97	General
98	General
99	General
100	General

Name	F_TRIG_sortie_piece	Number	9	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author	SIMATIC	Comment	
Family	BIT	Version	1.0	User-defined ID	F_TRIG

Name	Data type	Start value	Retain	Accessible from HMI/O PC UA/Web API	Writable from HMI/O PC UA/Web API	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Input									
CLK	Bool	false	False	True	True	True	False		
▼ Output									
Q	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Stat_Bit	Bool	false	False	True	True	True	False		