gram blocks A_SPEED [FB285]						
SPEED Properties						
SINA_SPEED Dering Automatic	Number	285	Туре	FB	Language	SCL

nation	'Speed Control with SINAM-	Author	DRVDPS7	Comment	Copyright (C) Siemens AG	Family	DRIVES
	ICS and S7'				2012. All Rights Reserved. Confidential		
					 SINA_SPEED: Drehzahlrege-		
					lung mit dem Antriebsbaus- tein SINAMICS S120/G120 <-		
					> S7-1200		
					Ersteller: Siemens AG Erlangen A&D MC PM Da-		
					tum: 07.07.10 Vers.:2.1 Änderung: J.B. Typical Team 07.12.12 2.2		
					Umsetzung in SCL / TIA Änderung: J.B. Typical		
					Team 29.04.13 2.3 1. "Q" an den Ausgänge		
					entfernen 2. Neuer Ausgang PwrInhibit Änderung: J.B. Typical		
					Team 28.06.13 2.4 Änderung HW-Zugriff		
					über LOG2MOD Änderung: J.B. Typical		
					Team 18.07.13 2.5 Änderung HW-Zugriff		
					über zwei HW-Eingänge		
					Änderung: J.B. Typical Team 17.07.14 3.0 Optimmierung		
					Änderung: J.B. Typical Team 30.07.14 4.0 Festlegung auf einheitlicher		
					neuer Version 4.0 Änderung: P.Z. Typical		
					Team 03.12.15 4.1 Schnittstelle an Program-		
					mierleitfadeb TIA-Potal an- gepasst		
					zus¤tzlicher Eingang "ConfigAxis" für STW-Bits		
					Änderung: G.F. Typical Team 01.03.16 4.2		
					Sollwert auf INT - Grenzen begrenzt Änderung: F.G. Typical		
					Team 13.09.16 4.3 Ausgabewerte am Ausgang		
					"Status" angepasst		
					Änderung: G.F. Typical Team 11.01.17 5.0 - Festlegung auf einheitlich-		
					er neuer Version 5.0		
					Bibliothek V7 Funktion: Drehzahlregelung		
					mit dem Antriebsbaustein SINAMICS S120/G120 <-> S7-1200		

					**** *******		

on	5.0	User-defined ID	SINA_SPD		****		
	+						

ame	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Input									
Enable Axis	Bool	0	Non-retain	True	True	True	False		0>1; 1 = Enable the drive (OFF2 / OFF 3 are 1 in de- fault status) (OFF1 = 0>1)
AckError	Bool	0	Non-retain		True		False		1 = Acknowledge drive error
SpeedSp	Real	0.0	Non-retain	True	True	True	False		Speed standardises with the standardisation factor
RefSpeed	Real	0.0	Non-retain	True	True	True	False		Standardisation factor of speed
ConfigAxis	Word	16#003F	Non-retain	True	True	True	False		binary programmed input to control all functions in the telegram without its own function block input
HWIDSTW	HW_IO	0	Non-retain	True	True	True	False		Hardware Identifer set point
HWIDZSW	HW_IO	0	Non-retain	True	True	True	False		slot Hardware Identifer actual
1111102311							. 4.36		value slot
Output									
AxisEnabled	Bool	0	Non-retain	True	True		False		1 = Drive is enabled
Lockout	Bool	0	Non-retain	True	True		False		1 = Drive lockout active
ActVelocity	Real Bool	0.0	Non-retain Non-retain	True True	True True		False False		Actual in [U/min] 1 = Error (FB and Infeed)
Error Status	Word	0	Non-retain	True	True		False		Status output (7002 = FB in operation; 8xxx = error description - read the manual)
Diagld	Word	16#0000	Non-retain	True	True	True	False		Error codes of the cyclic system funtion blocks DPWR /
InOut									DPRD_DAT
▼ Static									
▼ sxSendBuf	Struct		Non-retain	True	True	True	False		Send buffer
									Wort-1 Bit 08> Reserve Bit09: BOOL:=False; // ST- Wort-1 Bit 09> Reserve Bit10: BOOL:=True; // ST- Wort-1 Bit 10> FÃ/¼hrung durch PLC Dir: BOOL:=False; // ST-Wort-1 Bit 11> Direction Bit12: BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse unbe dingt öffnen Bit13: BOOL:=False; // ST-Wort-1 Bit 13> Motorpotenziome- ter Sollwert höher Bit14: BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziome- ter Sollwert tiefer Bit15: BOOL:=False; // ST-Wort-1 Bit 15> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 00> OFF2/ON (enable possible) InvEn: BOOL:=True; // ST- Wort-1 Bit 02> OFF3/ON (enable possible) InvEn: BOOL:=True; // ST- Wort-1 Bit 03> Enable con troller RampEn: BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable Ram- pOn: BOOL:=True; // ST- Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST- Wort-1 Bit 06> Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Acknowledge fault END_STRUCT;
Velocity ▼ sxRecvBuf	Word Struct	WORD#16#0000	Non-retain Non-retain	True True	True True		False False		Setpoint of velocity Receive buffer
▼ sxRecvBuf	Struct		Non-retain	True	True	True	False		Re

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Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
ZSW1	Word	WORD#16#0000	Non-retain	True	True	True	False		ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW Wort-1 = Zielposition er- reicht CurLim: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW

Wort-1 = Haltebremse öffnen Motover :

Feedback of velocity

Status for fault analysis

Buffer of Recv-Value

Buffer of Send-Value

able 3

velocity

Sendepuffer

Sendepuffer

Sendepuffer

Freely available counter vari-

Start addr from the I/O proc-

ess image area of mod (DEC) for DPWR_DAT/DPRD_DAT

Empfangspuffer Static varia-

Empfangspuffer Static varia-

Empfangspuffer Static varia-

BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation(operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;

0001	
0002	//======
0003	//SIEMENS AG
0004	//(c)Copyright 2017 All Rights Reserved
0005	//
0006	// Library: DriveLib
	// Tested with: S7-1516-3 PN/DP V1.8
	// Engineering: TIA Portal V14
	// Restrictions: -
	// Requirements: S7-1200 / S7-1500
	// Functionality: cyclic communication between a SINAMICS a PLC.
	// If in HWConfig Std.TLG 1 is projected 2 PZD-words are exchanged
	// in every bus cycle.
	// The parametrisation of these words is described in the manual of the
	// SINAMICS
	//=====================================
0017	
	// Schreibdaten zusammenstellen
	// Steuerword aufbereiten
0020	Handan Duff Offil 1970 and Durch Laterian
0021	<pre>#sxSendBuf.STW1.%X0 := #EnableAxis;</pre>
1	

WORD#16#0000

Non-retain

True

True True

False

Word

Int

Int

Real

DWord

DWord

HW_IO

Word

Word

Word

Word Word

Word

Array[0..1] of

Array[0..1] of

Velocity

piRetSFC

piCount

prVelocity

pdRecvBuf pdSendBuf

phLAddr

swSendBuf

swRecvBuf

Constant

swSendBuf[0]

swSendBuf[1]

swRecvBuf[0]

swRecvBuf[1]

▼ Temp

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```
0022 #sxSendBuf.STW1.%X1 := #ConfigAxis.%X0;
0023 #sxSendBuf.STW1.%X2 := #ConfigAxis.%X1;
0024 #sxSendBuf.STW1.%X3 := #ConfigAxis.%X2;
0025 #sxSendBuf.STW1.%X4 := #ConfigAxis.%X3;
0026 #sxSendBuf.STW1.%X5 := #ConfigAxis.%X4;
0027 #sxSendBuf.STW1.%X6 := #ConfigAxis.%X5;
0028 #sxSendBuf.STW1.%X10 := TRUE;
0029 #sxSendBuf.STW1.%X11 := #ConfigAxis.%X6;
0030 #sxSendBuf.STW1.%X7 := #AckError;
0031
0032 // Geschwindigkeit
0033 IF #RefSpeed <> 0 THEN
     #prVelocity := #SpeedSp * (16384.0 / #RefSpeed);
0034
0035
      // Limit REAL - Variable to INT - Limits
0036
      IF #prVelocity > 32767 THEN
0037
      #prVelocity := 32767;
0038
      ELSIF #prVelocity < -32768 THEN
0039
      #prVelocity := -32768;
0040
      ELSE
0041
      ; // not needed
0042
      END IF;
0043
      #sxSendBuf.Velocity := INT TO WORD(REAL TO INT(#prVelocity));
0044
0045 ELSE
0046 #sxSendBuf.Velocity := W#16#0;
0047 END IF;
0048 #swSendBuf[0] := #sxSendBuf.STW1;
0049 #swSendBuf[1] := #sxSendBuf.Velocity;
0050
0051 //Prozessdaten zur Signalbaugruppe schreiben
0052 #piRetSFC := DPWR DAT(LADDR := #HWIDSTW,
0053
                 RECORD := #swSendBuf);
0054
0055 // Fehler der Rückmeldung ausgeben
0056 #DiagId := INT TO WORD(#piRetSFC);
0057
0058 //kein Fehler beim Schreiben
0059 IF #piRetSFC = 0 THEN
0060
       //kein Fehler beim Schreiben
0061
0062
       IF #piRetSFC = 0 THEN
0063
0064
       //Prozessdaten von der Signalbaugruppe lesen
0065
       #piRetSFC := DPRD DAT(LADDR := #HWIDZSW,
0066
                   RECORD => #swRecvBuf);
0067
0068
       // Fehler der Rückmeldung ausgeben
0069
       #DiagId := INT_TO_WORD(#piRetSFC);
0070
       END IF;
0071
0072
       //Fehler beim Lesen (Profibus-Kommunikation unterbrochen)
0073
      IF #piRetSFC <> 0 THEN
0074
0075
      // Fehler
0076
      #Error := TRUE;
0077
      #Status := 16#8600;
0078
0079
      // Zustandsworte löschen
0800
      #sxRecvBuf.ZSW1.%X8 := 0;
0081
       #sxRecvBuf.ZSW1.%X9 := 0;
0082
      #sxRecvBuf.ZSW1.%X10 := 0;
0083
      #sxRecvBuf.ZSW1.%X11 := 0;
0084
      #sxRecvBuf.ZSW1.%X12 := 0;
0085
      #sxRecvBuf.ZSW1.%X13 := 0;
0086
      #sxRecvBuf.ZSW1.%X14 := 0;
0087
       #sxRecvBuf.ZSW1.%X15 := 0;
0088
       #sxRecvBuf.ZSW1.%X0 := 0;
0089
       #sxRecvBuf.ZSW1.%X1 := 0;
0090
       #sxRecvBuf.ZSW1.%X2 := 0;
0091
       #sxRecvBuf.ZSW1.%X3 := 0;
0092
       #sxRecvBuf.ZSW1.%X4 := 0;
0093
       #sxRecvBuf.ZSW1.%X5 := 0;
0094
      #sxRecvBuf.ZSW1.%X6 := 0;
0095
      #sxRecvBuf.ZSW1.%X7 := 0;
0096
0097
0098
     (*#sxRecvBuf.sxZSW1.SpDev := 0;
0099 #sxRecvBuf.sxZSW1.Pcd := 0;
0100 #sxRecvBuf.sxZSW1.Comp := 0;
0101 #sxRecvBuf.sxZSW1.CurLim := 0;
0102 #sxRecvBuf.sxZSW1.Brake := 0;
0103 #sxRecvBuf.sxZSW1.Motover := 0;
0104 #sxRecvBuf.sxZSW1.Dir := 0;
0105 #sxRecvBuf.sxZSW1.Invover := 0;
0106 #sxRecvBuf.sxZSW1.Rts := 0;
0107 #sxRecvBuf.sxZSW1.Rdy := 0;
0108 #sxRecvBuf.sxZSW1.IOp := 0;
0109 #sxRecvBuf.sxZSW1.Fault := 0;
```

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```
0110 #sxRecvBuf.sxZSW1.NoOff2 := 0;
0111 #sxRecvBuf.sxZSW1.NoOff3 := 0;
0112 #sxRecvBuf.sxZSW1.Inhibit := 0;
0113 #sxRecvBuf.sxZSW1.Alarm := 0;*)
0114
0115
      #sxRecvBuf.Velocity := W#16#00;
0116
0117
      // Werte auslesen
0118
     ELSE
0119
      #sxRecvBuf.ZSW1 := #swRecvBuf[0];
0120
      #sxRecvBuf.Velocity := #swRecvBuf[1];
0121
0122
      // ZSW1 aufbereiten
0123
     #AxisEnabled := #sxRecvBuf.ZSW1.%X2;
0124
     #Error := #sxRecvBuf.ZSW1.%X3 OR #sxRecvBuf.ZSW1.%X6;
0125
     #Lockout := #sxRecvBuf.ZSW1.%X6;
0126
0127
      // Fehler auswerten
0128
     IF #sxRecvBuf.ZSW1.%X3 THEN
0129
      #Status := 16#8401;
0130
     ELSIF #sxRecvBuf.ZSW1.%X6 THEN
0131
       #Status := 16#8402;
0132
     ELSE
0133
      #Status := 16#7002;
0134
     END IF;
0135
0136
     (*#Busy := #sxRecvBuf.sxZSW1.IOp;
0137 #Error := #sxRecvBuf.sxZSW1.Fault OR #sxRecvBuf.sxZSW1.Inhibit;
0138  #PwrInhibit := #sxRecvBuf.sxZSW1.Inhibit;
0139
0140 // Fehler auswerten
0141 IF #sxRecvBuf.sxZSW1.Fault THEN
0142 #ErrorId := 1;
0143 ELSIF #sxRecvBuf.sxZSW1.Inhibit THEN
0144 #ErrorId := 2;
0145 ELSE
0146 #ErrorId := 0;
0147 END_IF; *)
0148
0149
      // Geschwindigkeit
0150
     IF #RefSpeed <> 0 THEN
        #ActVelocity := INT TO REAL (WORD TO INT (#sxRecvBuf. Velocity)) / (16384.0 / #RefSpeed);
0151
0152
     ELSE
0153
       #ActVelocity := 0.0;
0154
     END IF;
0155
     END IF;
0156 ELSE
0157
0158
     // Fehler
0159 #Error := TRUE;
0160
     #Status := 16#8601;
0161
0162 END_IF;
0163
0164
0165
```

Symbol	Address	Туре	Comment
#AckError		Bool	1 = Acknowledge drive error
#ActVelocity		Real	Actual in [U/min]
#AxisEnabled		Bool	1 = Drive is enabled
#ConfigAxis.%X0		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X1		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X2		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X3		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X4		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X5		Bool	binary programmed input to control all functions in the telegram without its own function block input
#ConfigAxis.%X6		Bool	binary programmed input to control all functions in the telegram without its own function block input
#Diagld		Word	Error codes of the cyclic system funtion blocks DPWR / DPRD_DAT
#EnableAxis		Bool	0>1; 1 = Enable the drive (OFF2 / OFF 3 are 1 in default status) (OFF1 = $0>1$)
#Error		Bool	1 = Error (FB and Infeed)
#HWIDSTW		HW_IO	Hardware Identifer set point slot
#HWIDZSW		HW_IO	Hardware Identifer actual value slot
#Lockout		Bool	1 = Drive lockout active
#piRetSFC		Int	Status for fault analysis
#prVelocity		Real	velocity
#RefSpeed		Real	Standardisation factor of speed
#SpeedSp		Real	Speed standardises with the standardisation factor
#Status		Word	Status output (7002 = FB in operation; 8xxx = error description - read the manual)
#swRecvBuf		Array	Empfangspuffer Static variables

mbol	Address	Туре	Comment
wRecvBuf[0]	Address	Word	Empfangspuffer Static variables
wRecvBuf[1]		Word	Empfangspuffer Static variables
wSendBuf		Array	Sendepuffer
wSendBuf[0]		Word	Sendepuffer
wSendBuf[1]		Word	Sendepuffer
kRecvBuf.Velocity kRecvBuf.ZSW1		Word Word	Feedback of velocity ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfel
knecvbu1.23vv1		Word	ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-FÃ1/4hrun
			erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLi BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake:
			BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover :
			BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor
			Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZS Wort-1 = keine Warnung thermische Aceberlast Leistungsteil Rts:
			BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy:
			BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW
			Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inac
			tive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit :
			BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :
D D (76)4/4 0/3/6			BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;
kRecvBuf.ZSW1.%X0		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfel ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führun
			erreicht Comp : BOOL:=False; // ZSW-Wort-1 = PZD-FA/Anturi
			BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake :
			BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor
			Dir: BOOL:=False; // ZSW-Wort-1 = Keine Warnung Acebertemperatur Motor
			Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts :
			BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy:
			BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-
			Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inac
			tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit:
			BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;
«RecvBuf.ZSW1.%X1		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfel
			ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-Führun
			erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLi
			BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover :
			BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor
			Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZS
			Wort-1 = keine Warnung thermische \tilde{A} ceberlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy :
			BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start kdy . BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW
			Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-
			Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit :
			BOOL:=False; // ZSW-Wort-1 = OFF3 inactive infinite:
			BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;
kRecvBuf.ZSW1.%X2		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfe
			ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führun erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLi
			BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake :
			BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover :
			BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1
			Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts :
			BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy :
			BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW
			Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inac
			tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit:
			BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;
kRecvBuf.ZSW1.%X3		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfe
			ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-FÃ1/4hrun
			erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLi
			BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover :
			BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor
			Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZS
			Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy :
			BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start kdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSV
			Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-
			Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit :
			tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:
			BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;

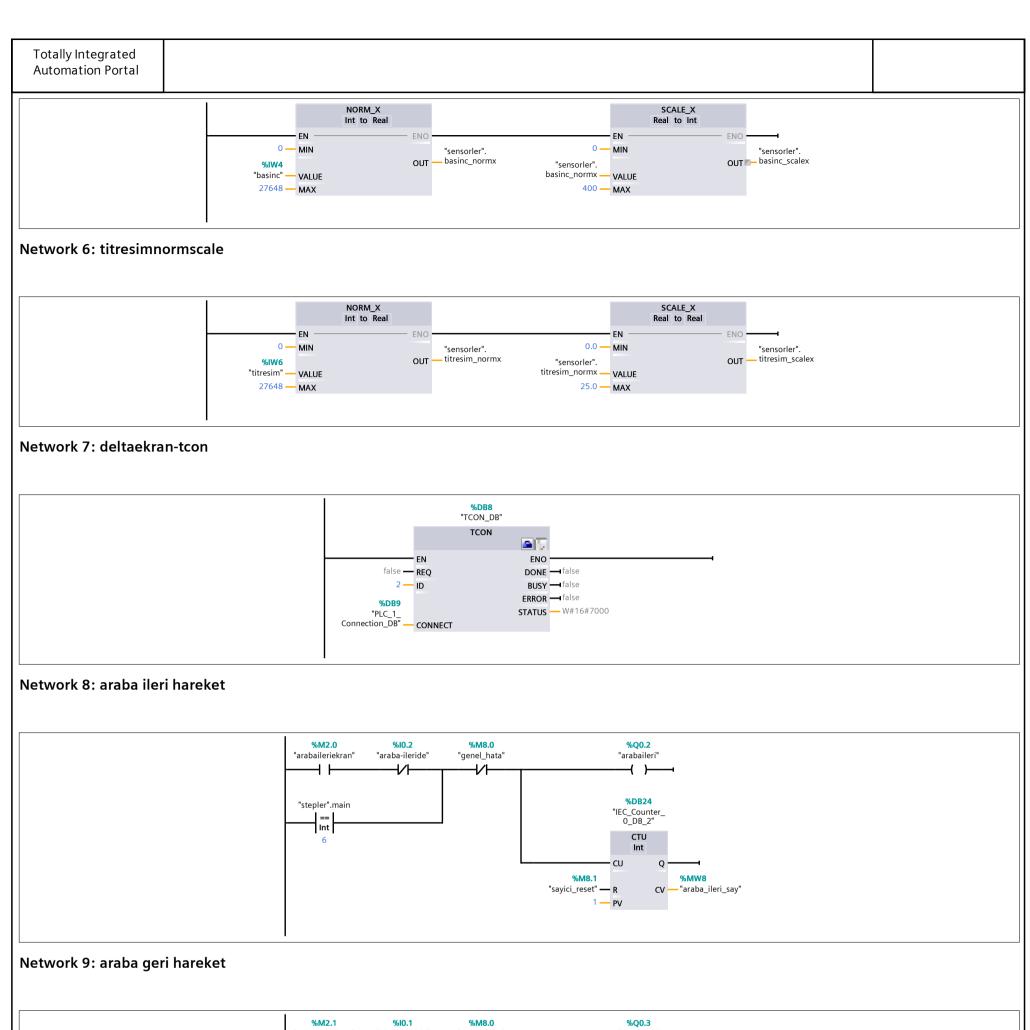
2001 2001	ymbol	Address	Type	Comment
BOOL-Hailer, 7,50% World - Redight op operate (D)	sxRecvBuf.ZSW1.%X4		Bool	ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts:
8001. Failer, P. S.W. Wort 1 – Beitsberme Affine Motowers 18001. Failer Street, Street Motor 1 – Beitsberme Affine Motowers 18001. Failer Street, Street Motor 1 – Beitsberme Affine Motowers 18001. Failer Street, Street Motor 1 – Beitsberme Affine Motowers 18001. Failer Street Motor 1 – Beitsberme Affine Motowers 18001. Failer Street Motor 1 – Beitsberme Affine Motor 18001. Failer Street Motor 1 – Beitsberme Affine Motor 18001. Failer Street Motor 1 – Beitsberme Affine Motor 18001. Failer Street Motor 1 – Beitsberme Affine Motor 18001. Failer Street Motor	sxRecvBuf.ZSW1.%X5		Bool	BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim
Solid				BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :
SXRevBuf_ZSW1.5kZ7 Spew : BOOL=False; // ZSW-Wort 1 = Schleppfier	sxRecvBuf.ZSW1.%X6		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover: BOOL:=False; // ZSW-Wort-1 = Leine Warnung Übertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:
Bool ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfeher im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FÄVhrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = PZD-FÄVhrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = PZD-FÄVhrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Ratlebremse Äfffnen Motover: BOOL:=False; // ZSW-Wort-1 = Reine Warnung Äcebertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to poperate IOp: BOOL:=False; // ZSW-Wort-1 = Ready to poperate IOp: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Schleppfeher in Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = Schleppfe	sxRecvBuf.ZSW1.%X7		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:
Bool ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FÃ'/shrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse Ãfffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:	sxRecvBuf.ZSW1.%X8		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:
	sxRecvBuf.ZSW1.%X9		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfehler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FÃ'/4hrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLim BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit:

Septidar 25W1 25W	mbol	Address	Туре	Comment
prencht comp : 2001. In July 2007. A city part on extract Castle	xRecvBuf.ZSW1.%X10			ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeh
Indicate				
FOOL-False in Paw Wath 1 – Footboomer's Affrican Motorer's DOU-False in Paw Wath 1 – Footboomer's Affrican Motorer's DOU-False in Paw Wath 1 – Footboomer's Affrican Motorer's Wath 1 – Footboomer's Affrican Motorer's Wath 1 – Footboomer's Affrican Motorer's Wath 1 – Footboomer's Wath 1				
Itility				BOOL:=False; // ZSW-Wort-1 = Haltebremse $\tilde{A}\P$ ffnen Motover :
World - levine without without part of the property of the p				
### SOCI — Select 19:50% word 1 — Select to prover for to 1 and 16:10 miles of the proper for 10 miles of the 10 miles of the proper for 10 miles of the 10 mi				
West 1 = In operation (operation in ceitabold Fast 1: 8001-6-fielder (17W) Word 1 = 1-but (present OUT, 18001-6-fielder (17W) Word 1 = 1-but (present OUT, 18001-6-fielder (17W) Word 1 = 1-but (17W) West 1 = 1-but (17W)				BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy:
West 1				
Second 25W 3VX 1 1 1 1 1 1 1 1 1				
BOOL = Face TZWW Worl = A Marm Warning green (BM) STRUCT				tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit:
Septime				
Per in Torrandereich Per SEOUL-Faller, Y ZSW-Wort 1 – Per STA-Khimm, remoint Comp. 800L - Faller, 125W Wort 1 – Per State (1998) Per State (19	xRecvBuf.7SW1.%X11		Bool	<u> </u>
BOOL - False; ZSW-Wort 1 - Referentizant of gesetal stakes	7.11.00.12.11.11.11.11.11.11.11.11.11.11.11.11.		333.	ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung
BOOL = False; 7 25W Wort = Not Administrative Motion				
### BOOL ### 259 Worth ### Bool ### B				
Wort 1 = keine Warmung thermische Roberinst steil ungstell Riss SOOL — Faber (27 Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Revol) in 1 start Risk (17 XIV Wort 1 = Sool				· · · · · · · · · · · · · · · · · · ·
BOOL = Faber, 2 75W Wort 1 = Ready to gover to pit 10 Faber, 2 75W Wor				Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSV
BOOL=False, # ZSW-Wint 1 = Ready to operate in [2015 : 3001]. = False, # ZSW-Wint 1 = False				
Wort 1 - In operation (operation enabled) Fault : 800L - False; 72 WW ort 1 - Fault present NORIZ : 1800L - False; 72 WW ort 1 - Fault present NORIZ : 1800L - False; 72 WW ort 1 - Fault present NORIZ : 1800L - False; 72 WW ort 1 - Fault present NORIZ : 1800L - False; 72 WW ort 1 - Fault present NORIZ : 1800L - False; 72 WW ort 1 - Schaper Fault present NORIZ : 1800L - False; 72 WW ort 1 - Schaper Fault present NORIZ : 1800L - False; 72 WW ort 1 - Schaper Fault present NORIZ : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position invoice : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault position erreicht Cursi : 1800L - False; 72 WW ort 1 - Fault present NORIZ				
the NoOFIS 800L=False 725WNoT1 = Potent of Initials active Anni Initial Anni In				Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-
BOOL_Faber, 2/ESW/MOT.1 = Power Oil with bill set leve Alarm: BOOL_Faber, 2/ESW/MOT.1 = Rown Oil with bill set leve Alarm: 1				
BoOL=False, 12 XW-Wort1 = Alarm / Warning present END_STRUCT; RecvBut_2SW1.5XX12 Set of DoCL=False, 12 XW-Wort1 = Schepped level in ToleranDereich Prof. is DOCL=False, 12 XW-Wort1 = Alarm / Warning present END_STRUCT; Comparison of the Co				
ler im Toleramberiech Erd 28 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Motor: Dir #3DOL-False; 27 25W-Wort – I #2DF-Skrbung rencht Rencht Park (19 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 27 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25W-Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25W-Wort – PZDF-Skrbung rencht Comp; 8 00L-False; 25 25W-Wort – PZDF-Skrbung rencht Comp; 8 00L-False; 25 25W-Wort – PZDF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrbung rencht Comp; 8 00L-False; 25 25 Wort – I #2DF-Skrb				BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT;
erreicht Comp : 800L-False; 7.35W-Mort - Befferengunkt gesetzt brake : 800L-False; 7.35W-Mort - Befferengunkt gesetzt brake : 800L-False; 7.35W-Mort - Befferengunkt gesetzt brake : 800L-False; 7.25W-Mort - Befferengunkt gesetzt brake : 800L-False; 7.25W-Mort - Befferengunkt gesetzt brake : 800L-False; 7.25W-Mort - Series With Warmung Aberbergeptul Motor Wort - Leine Warmung thermische Anderstalt Leistungsteil Risk : 800L-False; 7.35W-Mort - Beady to power up to 1 start Risk ; 800L-False; 7.35W-Mort - Beady to power up to 1 start Risk ; 800L-False; 7.35W-Mort - Beady to power up to 1 start Risk ; 800L-False; 7.35W-Mort - Power ON inhibit active Alam : 800L-False; 7.35W-Mort - Power ON inhibit a	xRecvBuf.ZSW1.%X12		Bool	ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeh
BOOL -False ZSW-Wort - Referenquink genetit take -BOOL -False ZSW-Wort - Leithorman Affirm Motore -BOOL -False ZSW-Wort - Leithorman Affirm Motore -BOOL -False ZSW-Wort - Leithorman Affirm Motore -BOOL -False ZSW-Wort - Detection Inverse SOOL -False ZSW-Wort -BOOL -False ZSW-Wort - Detection Inverse SOOL -False ZSW-Wort -BOOL -False ZSW-Wort - Ready to pease Do SOOL -False ZSW-Wort -BOOL -False ZSW-Wort - Ready to pease Do SOOL -False ZSW-Wort -BOOL -False ZSW-Wort - Poet Sool				
BOOL_Faber, If ZSW Wort 1 = Halbehrens Affiner Motorer : -BOOL_Faber, If ZSW Wort 1 = Leine Warmung Abertemperatur Motor Dir. BOOL_Faber, If ZSW Wort 1 = Leine Warmung Abertemperatur Motor Dir. BOOL_Faber, If ZSW Wort 1 = Leine Warmung Abertemperatur Motor Dir. BOOL_Faber, If ZSW Wort 1 = Rest Lettungstel Ris. If ZSW Wort 1 = Seat IP ZSW Wort 1 = Rest IP SOW Up over up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin Rey. If ZSW Wort 1 = Rest IP SOW Up 10 sin				
Dir: 800L-False; // 25W-Wort -1 - Direction invoiver: 800L-False; // 25W Wort -1 - Bredit your precision group of the state of the stat				BOOL:=False; // ZSW-Wort-1 = Haltebremse $\tilde{A}\P$ ffnen Motover :
Word = Jean Warmong themselve Abeelerast Leistungstell Ris : 800L=False Jr SW-Wort = Ready to power up 1 to start Ris SW Wort = Ready to power up 1 to start Ris SW Wort = Ready to power up 1 to start Ris ZW Wort = Ready to power up 1 to start Ris ZW Wort = Ready to power up 1 to start Ris ZW Wort = Ready to power up 1 to start Ris ZW Wort = Ready to power to SW Wort = Ready to SW Wort =				
800L=False, if ZSW-Wort1 = Ready to power up if to start Rdy : 800L=False, if ZSW-Wort1 = Ready to power up if to start Rdy : 800L=False, if ZSW-Wort1 = Ready to power to it is start Rdy : 800L=False, if ZSW-Wort1 = OFEZ inactive Inhibit : 800L-False, if ZSW-Wort1 = Fower Off inhibit Active Alama : 800L-False, if ZSW-Wort1 = Sout-False, if ZSW-Wort1 = Schlegotic ler im Tolerancheroth E 800L-False, if ZSW-Wort1 = Schlegotic ler im Tolerancheroth = Red Sout-False, if ZSW-Wort1 = Schlegotic ler im Tolerancheroth = Red Sout-False, if ZSW-Wort1 = Schlegotic ler im Tolerancheroth = Red Sout-False, if ZSW-Wort1 = OFF2 ince the NoOff3 = 800L-False, if ZSW-Wort1 = Red Sout-False, if ZSW-Wort1 = OFF2 ince the NoOff3 = 800L-False, if ZSW-Wort1 = Red Sout-False, if ZSW-Wort1 = Sout-False, if ZSW-Wort1 = Red Sout-False, if ZSW-Wort1 = OFF2 ince the NoOff3 = 800L-False, if ZSW-Wort1 = Red Sout-False, if ZSW-Wort1 = OFF2 ince the NoOff3 = 800L-False, if ZSW-Wort1 = Red Sout-False, if ZSW-Wort1 = OFF2 ince the NoOff3 = 800L-F				
Word 1 = In operation (period or allow) # 25W Word 1 = GROL_=False; // 25W Word 1 = Park # 25W				BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy:
Word 1 = Fault present NoOIT: 8DOL:=False; // ZSW-Word 1 = OFF2 inactive NoOITs 3: 8DOL:=False; // ZSW-Word 1 = OFF3 inactive Inhibit: 8DOL:=False; // ZSW-Word 1 = Zept-RAhmun erreicht Corn; 8DOL:=False; // ZSW-Word 1 = Red to Palse; // ZSW-Word 1 = Palse;				
tive NoOff3 : 80OL=False; If ZSW-Wort 1 = 0 or FS inactive Inhibit : 80OL=False; IV ZSW-Wort 1 = 0 or No Inhibit active Inhibit : 80OL=False; IV ZSW-Wort 1 = 0 or No Inhibit active Inhibit : 80OL=False; IV ZSW-Wort 1 = Step END STRUCT; SRev: 80OL=False; IV ZSW-Wort 1 = ZPD-FAkhrung erreicht Com; SOL=False; IV ZSW-Wort 1 = Set SOL=False; IV ZSW-Wort 1 = ZPD-FAkhrung erreicht Com; SOL=False; IV ZSW-Wort 1 = Set SOL = False; IV				
BOOL=False; #ZSW-Wort 1 = Power ON inhibit active Alarm -BOOL=False; #ZSW-Wort 2 = BOOL=False; #ZSW-Wort 1 = ZFA-Wort 1 = POS-FAR-ING -BOOL=False; #ZSW-Wort 3 = BOOL=False; #ZSW-Wort 1 = ZFA-FAR-ING -BOOL=False; #ZSW-Wort 3 = BOOL=False; #ZSW-Wort 3 = ZFA-FAR-ING -BOOL=False; #ZSW-Wort 4 = Poster -BOOL=False; #ZSW-Wort 5 = Poster -BOOL=False; #ZSW-Wort 5 = Poster -BOOL=False; #ZSW-Wort 6 = Poster -BOOL=False; #ZSW-Wort 7 = Poster -BOOL=False; #ZSW-Wort 1 = Po				
### RecvBut.ZSW1.%X13 South				BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :
er im Toleranzberich Pcd : 80OL = False, // ZSW-Wort 1 = 72D-FÄWhrung	vRecyBuf 7SW1 %X13		2 1	<u> </u>
erreicht Comp: BOOL:-False; // ZSW-Wort:1 = Zielposition erreicht Curtur BOOL:-False; // ZSW-Wort:1 = Heterexprunt gesetz Brake : BOOL:-False; // ZSW-Wort:1 = Heterexprunt Motor BOOL:-False; // ZSW-Wort:1 = Heterexprunt Motor Dir : BOOL:-False; // ZSW-Wort:1 = Heterexprunt Abertor BOOL:-False; // ZSW-Wort:1 = Needy to power up / to start Rdy : BOOL:-False; // ZSW-Wort:1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort:1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort:1 = Ready to power up / to start Rdy : Wort:1 = In operation (operation enabled) Fault : BOOL:-False; // ZSW Wort:1 = OFF2 inactive Inhibit : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Hatlebremse Affificen Motover : BOOL:-False; // ZSW-Wort:1 = Hatlebremse Affificen Motover : BOOL:-False; // ZSW-Wort:1 = Hatlebremse Affificen Motover : BOOL:-False; // ZSW-Wort:1 = Hatlebremse Affiren Motover : BOOL:-False; // ZSW-Wort:1 = Needy to operate IOp : BOOL:-False; // ZSW-Wort:1 = OFF3 inactive Inhibit : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Power ON Inhibit active Name : BOOL:-False; // ZSW-Wort:1 = Needy to operate IOp : BOOL:-False; // ZSW-Wort:1 = OFF3 inactive I	xRecvBuf.ZSW1.%X13		Rool	
BOOL:=False; ZSW-Wort-1 = Natebremse Āfffrem Motover: BOOL:=False; ZSW-Wort-1 = Natebremse Āfffrem Motover: BOOL:=False; ZSW-Wort-1 = Palse; ZSW-Wort-1 = Palse; ZSW-Wort-1 = Palse; ZSW-Wort-1 = Palse; ZSW-Wort-1 = Natebremse Āfffrem Motover: BOOL:=False; ZSW-Wort-1 = Natebremse Āfffrem Motover: BOOL:=False; ZSW-Wort-1 = Natebremse Āfffrem Motover: BOOL:=False; ZSW-Wort-1 = Natebremse Āfffrem Mot				erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLin
BOOL:=False; // ZSW-Wort-1 = Nice Wannung Abeertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Nice tion Invover: BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Aceberlast Leistungstell Rts: BOOL:=False; // ZSW-Wort-1 = Ready to operate (Dp: BOOL:=False; // ZSW-Wort-1 = Nower up // to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate (Dp: BOOL:=False; // ZSW-Wort-1 = no operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Nower ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = OFF5 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Alarm Warning Present END_STRUCT; ZSW TSZSW-TSW-TSW-TSW-TSW-TSW-TSW-TSW-TSW-TSW-T				BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake :
Dir: 80OL:=False; // ZSW-Wort-1 = Direction Invover: 80OL:=False; // ZSW Wort-1 = Neine Warmung thermische Abeelrast Leitungstell Ris: 80OL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: 80OL:=False; // ZSW-Wort-1 = Neine Yord-1 = Ne				
Wort-1 = keine Warmung thermische Äceberlast Leistungsteil Rts : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : Wort-1 = Fault present NoOf(2 : BOOL:-False; // ZSW-Wort-1 = OFF2 inactive Inhibit : BOOL:-False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:-False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:-False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; RRecvBuf.ZSW1. STRUCT SpDe : BOOL:-False; // ZSW-Wort-1 = Schleppfel er im Toleranzbereich Pcd : BOOL:-False; // ZSW-Wort-1 = Paciposition erreicht Curlur erreicht Comp : BOOL:-False; // ZSW-Wort-1 = Paciposition erreicht Curlur BOOL:-False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:-False; // ZSW-Wort-1 = Ready to power to / Bool:-False; // ZSW-Wort-1 = Ready to power to / Bool:-False; // ZSW-Wort-1 = Ready to / Bool:-False;				
BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation canabled) Fault is BOOL:=False; // ZSW-Wort-1 = OFF2 inactive hinks is BOOL:=False; // ZSW-Wort-1 = OFF2 inactive hinks is BOOL:=False; // ZSW-Wort-1 = OFF2 inactive hinks is BOOL:=False; // ZSW-Wort-1 = OFF3 inactive hinks is BOOL:=False; // ZSW-Wort-1 = Ready to power with a service of the service of				
Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Schleppfef er im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = Schleppfef er im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = P2D-FA/Nrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht Curtir BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht Curtir BOOL:=False; // ZSW-Wort-1 = Referenzpunts desects Brain in ZSW-Wort-1 = Defection Invover : BOOL:=False; // ZSW-Wort-1 = Defection Enabled ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Defection Invover : BOOL:=False; // ZSW-Wort-1 = Defection Invover : BOOL:=False; // ZSW-Wort-1 = Defection Inhibit : BOOL:=False; // ZSW-Wort-1 = Defection Invover : BOOL:=F				
Wort-1 = Fault present NoOff2 : BOOL:=False; // IZSW-Wort-1 = OFF2 inact two NoOff3 : BOOL:=False; // IZSW-Wort-1 = OFF3 inact two NoOff3 : BOOL:=False; // IZSW-Wort-1 = OFF3 inact two NoOff3 : BOOL:=False; // IZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // IZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // IZSW-Wort-1 = Alarm // Warning present BND_STRUCT; IZSW-Wort-1 = Alarm // Warning present BND_STRUCT; IZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // IZSW-Wort-1 = Zielposition erreicht Curtin BOOL:=False; // IZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // IZSW-Wort-1 = OFF2 inact two Noff3 : BOOL:=False; // IZSW-Wort-1 = OFF2 inact two Noff3 : BOOL:=False; // IZSW-Wort-1 = OFF2 inact two Noff3 : BOOL:=False; // IZSW-Wort-1 = SOOL:=False; // IZSW-Wort-1 = Referenzenzenzenzenzenzenzenzenzenzenzenzenze				
BOOL:=False; // ZSW-Wort-1 = Nower ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; RRecvBuf.ZSW1.%X14				Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inac-
BOOL:=False; ZSW-Wort-1 = Alarm / Warning present END_STRUCT; KRECVBUf.ZSW1.%X14 Bool ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = ZFD-FA/khrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = ZFD-FA/khrung ENDOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = ZFD-FA/khrung ENDOL:=False; // ZSW-Wort-1 = Paedy to power up // to start R8y : BOOL:=False; // ZSW-Wort-1 = Ready to power up // to start R8y : BOOL:=False; // ZSW-Wort-1 = Paedy to power up // to start R8y : BOOL:=False; // ZSW-Wort-1 = DIFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = DIFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = DIFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; BOOL:=False; // ZSW-Wort-1 = Paedy-Fa/khrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Paedy-Fa/khrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = ZED-Fa/khrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = ZED-Fa/khru				
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BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse Āfffren Motover : BOOL:=False; // ZSW-Wort-1 = briection Invover : BOOL:=False; // ZSW-Wort-1 = briection Invover : BOOL:=False; // ZSW-Wort-1 = briection Invover : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Dort-1 =	ARCCOBULZEOV 1.70X 1-4		5001	ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung
BOOL:=False; // ZSW-Wort-1 = Haltebremse ¶ffnen Motover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = briection Invover : BOOL:=False; // ZSW-Wort-1 = briection Invover : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive Inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLin
BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Āœberlast Leistungsteil Rts: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inact tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF2 inact tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; XRecvBuf.ZSW1.%X15 Bool ZSW1sxZSW1 STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfeler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FÄykhrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = PZD-FÄykhrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Palterberme Äfffen Motover: BOOL:=False; // ZSW-Wort-1 = Palterberme Acaberlast Leistungsteil Rts: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = False; // ZSW-Wort-1 = OFF2 inact tive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit:				
Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Äæberlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = POwer ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm // Warning present END_STRUCT; ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfel ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-FĀ/khrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLir BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Bienetion Invover : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = False; // ZSW-Wort-1 = OFF2 inactive Nooff3 : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = no peration (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Alarm // Warning present END_STRUCT; XRecvBuf.ZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfeler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FÄ/hrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLing BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Nature Boot:=False; // ZSW-Wort-1 = Nature Boot:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:				Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW
BOOL:=False; // ZSW-Wort-1 = Ready to operate iOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = PAlarm / Warning present END_STRUCT; XRecvBuf.ZSW1.%X15 Bool ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = PZD-FĀ'\hrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = PZD-FĀ'\hrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = PZD-FĀ'\hrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Neferenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Neferenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Neferenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Ready to operate in Invover : BOOL:=False; // ZSW-Wort-1 = Ready to operate in Invover : BOOL:=False; // ZSW-Wort-1 = Ready to operate in Invover : BOOL:=False; // ZSW-Wort-1 = Ready to operate in Invover : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = False; // ZSW-Wort-1 = OFF3 inactive inhibit : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive inhibit : BOOL:=Fals				
Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; XRecvBuf.ZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeler in Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-Fļhrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = PZD-Fļhrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = keine Warnung Ädepteremperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = beine Warnung Aceberlamperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate lop : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = False; // ZSW-Wort-1 = OFF2 inactive Nooff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; XRecvBuf.ZSW1.%X15 Bool ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-Fļhrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = PZD-Fļhrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Äœbertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = Operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = Operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = Operation enabled) Fault : BOOL:=Fal				Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-
BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm : BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; RRecvBuf.ZSW1.%X15 Bool ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeh ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-Führung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLin BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse ¶ffnen Motover : BOOL:=False; // ZSW-Wort-1 = Leine Warnung Āœbertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Āœberlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inac-
BOOL:=False; // ZSW-Wort-1 = Alarm / Warning present END_STRUCT; xRecvBuf.ZSW1.%X15 Bool ZSW1sxZSW1 : STRUCT SpDev : BOOL:=False; // ZSW-Wort-1 = Schleppfeh ler im Toleranzbereich Pcd : BOOL:=False; // ZSW-Wort-1 = PZD-F½hrung erreicht Comp : BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLin BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse ¶ffnen Motover : BOOL:=False; // ZSW-Wort-1 = Leeine Warnung Āœbertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Āœberlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate lOp : BOOL:=False; // ZSW-Wort-1 = n operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfel ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-FĀ/\shrung erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLing BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse ¶ffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:				
erreicht Comp: BOOL:=False; // ZSW-Wort-1 = Zielposition erreicht CurLin BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake: BOOL:=False; // ZSW-Wort-1 = Haltebremse Ķffnen Motover: BOOL:=False; // ZSW-Wort-1 = keine Warnung Āœbertemperatur Motor Dir: BOOL:=False; // ZSW-Wort-1 = Direction Invover: BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Āœberlast Leistungsteil Rts: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:	xRecvBuf.ZSW1.%X15		Bool	ZSW1sxZSW1: STRUCT SpDev: BOOL:=False; // ZSW-Wort-1 = Schleppfeh
BOOL:=False; // ZSW-Wort-1 = Referenzpunkt gesetzt Brake : BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				ler im Toleranzbereich Pcd: BOOL:=False; // ZSW-Wort-1 = PZD-Führung
BOOL:=False; // ZSW-Wort-1 = Haltebremse öffnen Motover : BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSW Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
BOOL:=False; // ZSW-Wort-1 = keine Warnung Übertemperatur Motor Dir : BOOL:=False; // ZSW-Wort-1 = Direction Invover : BOOL:=False; // ZSV Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts : BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
Wort-1 = keine Warnung thermische Überlast Leistungsteil Rts: BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy: BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp: BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault: BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2: BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3: BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit: BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm:				BOOL:=False; // ZSW-Wort-1 = keine Warnung Ãæbertemperatur Motor
BOOL:=False; // ZSW-Wort-1 = Ready to power up / to start Rdy : BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW-Wort-1 = In operation (operation enabled) Fault : BOOL:=False; // ZSW-Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
Wort-1 = Fault present NoOff2 : BOOL:=False; // ZSW-Wort-1 = OFF2 inactive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				BOOL:=False; // ZSW-Wort-1 = Ready to operate IOp : BOOL:=False; // ZSW
tive NoOff3 : BOOL:=False; // ZSW-Wort-1 = OFF3 inactive Inhibit : BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				
BOOL:=False; // ZSW-Wort-1 = Power ON inhibit active Alarm :				

mbol	Address	Type	Comment
xSendBuf.STW1		Word	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserve Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True; //
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; //
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks acceptance) Off2 : BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable pos
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEr BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True;
			ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt : BOOL:=False; // ST-Wort-1 Bit 07> Ac- knowledge fault END_STRUCT;
xSendBuf.STW1.%X0		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserv
			Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True; / ST-Wort-1 Bit 10> Führung durch PLC Dir: BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt Ķffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpotenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15: BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks acceptance) Off2 : BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable pos
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEr BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True;
			ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt : BOOL:=False; // ST-Wort-1 Bit 07> Ac-knowledge fault END_STRUCT;
xSendBuf.STW1.%X1		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserve
			Bit09 : BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10 : BOOL:=True; ST-Wort-1 Bit 10> FÃ1/4hrung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks
			acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable possible)
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEr
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True; ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Ac-
SendBuf.STW1.%X2		Bool	knowledge fault END_STRUCT; STW1sxSTW1 : STRUCT Bit08 : BOOL:=False; // ST-Wort-1 Bit 08> Reser
		5001	Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1 11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert h\(\tilde{A} \) flher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks
			acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable possible)
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEr
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True; ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Ac-
xSendBuf.STW1.%X3		Bool	knowledge fault END_STRUCT; STW1sxSTW1 : STRUCT Bit08 : BOOL:=False; // ST-Wort-1 Bit 08> Reserve
ASEHOBOLSTW1. MAS		Воог	Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1 11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13: BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks
			acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable possible)
			ble) InvEn : BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampE
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True; ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt : BOOL:=False; // ST-Wort-1 Bit 07> Ac-
vCondDuf CTM4 0/3/4		D I	knowledge fault END_STRUCT;
xSendBuf.STW1.%X4		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reser Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert hA¶her Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks
			acceptance) Off2 : BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable posble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEr
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True;
			ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 06> Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Ac-
			knowledge fault END_STRUCT;

Symbol	Address	Туре	Comment
sxSendBuf.STW1.%X5		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserv
			Bit09 : BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10 : BOOL:=True; / ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo-
			tenziometer Sollwert h\(\tilde{A} \) flher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks
			acceptance) Off2 : BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable posble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampE
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True;
			ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 06> Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Ac-
			knowledge fault END_STRUCT;
sxSendBuf.STW1.%X6		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reser Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15: BOOL:=False; // ST-Wort-1 Bit
			> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flank
			acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable po
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampE
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True
			ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 06> Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Ac-
			knowledge fault END_STRUCT;
xSendBuf.STW1.%X7		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Resel Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15: BOOL:=False; // ST-Wort-1 Bi
			> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flank acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible)
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampE
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt : BOOL:=False; // ST-Wort-1 Bit 07> Ac-
0 10 6 071114 0/1/40			knowledge fault END_STRUCT;
sxSendBuf.STW1.%X10		Bool	STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserbit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1
			11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 13> Motorpo
			tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bi
			> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flank acceptance) Off2 : BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable po
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEBOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True
			ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 06>
			Speed set point enable AckFlt : BOOL:=False; // ST-Wort-1 Bit 07> Ac-
xSendBuf.STW1.%X11		Bool	knowledge fault END_STRUCT; STW1sxSTW1 : STRUCT Bit08 : BOOL:=False; // ST-Wort-1 Bit 08> Rese
XSCHABALSTWILL MAKET		5001	Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True;
			ST-Wort-1 Bit 10> Führung durch PLC Dir : BOOL:=False; // ST-Wort-1 11> Direction Bit12 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse
			unbedingt öffnen Bit13 : BOOL:=False; // ST-Wort-1 Bit 12> Haltebrems
			tenziometer Sollwert höher Bit14 : BOOL:=False; // ST-Wort-1 Bit 14>
			Motorpotenziometer Sollwert tiefer Bit15 : BOOL:=False; // ST-Wort-1 Bi> Reserviert Off1 : BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flank
			acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable
			possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable po
			ha) Inveni DOOL - Two I CT Mort 1 Dit 03 . Freele
			BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn : BOOL:=True; ST-Wort-1 Bit 05> Ramp On SpEn : BOOL:=True; // ST-Wort-1 Bit 06>
			ble) InvEn: BOOL:=True; // ST-Wort-1 Bit 03> Enable controller RampEBOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 06> Speed set point enable AckFlt: BOOL:=False; // ST-Wort-1 Bit 07> Acknowledge fault END_STRUCT;

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Automation I	Portal								
_									
Program	blocks								
Main [OB1]									
Main Properties	:								
General		 	4		"-	0.0	•	LAD	
Name Numbering	Main Automatic	Number	1		Туре	ОВ	Languag	e LAD	
nformation		A .1			" 6 .		- "		
Γitle	"Main Program Sweep (Cy-cle)"	Author			Comment		Family		
/ersion	0.1	User-define	d ID					·	
Name		Data ty	ре	Default value		Comment			
▼ Input	1	Bool				Initial call o	f this OD		
Initial_Cal Remanen		Bool					nanent data are available		
Temp									
Constant									
Network 1: n	notorekranstart								
			%M3.5						
			"motor_start_ stop_ekran"			"motor".m start			
			—— ——			()			
Network 2: n	notor start sinaspeed								
		<u> </u>							
				%DB1 "SINA_SPEED					
				%FB285 "SINA_SPEE					
			"motor".motor_	- EN	AxisEnabled — 0				
			"motor".motor_	- EnableAxis	ActVelocity -0.0				
			hata_reset –	AckError SpeedSp	Error — O Status — O				
			1430.0 -	RefSpeed ConfigAxis	Diagld — 16#0000				
			277 "Drive_	comgratis					
			1~PROFINET_ interface~Standar						
			d_telegram_ 20" <mark>_</mark>	HWIDSTW					
			277 "Drive_ 1~PROFINET_						
			interface~Standar d_telegram_						
			20" _	HWIDZSW					
letwork 3: p	t100move								
·									
		ı							
				MOVE EN ENO					
			%IW8 "PT100" –		nsorler". 00_anlik				
				301,					
_		ı							
letwork 4: p									
ielen_Degeri_	10 a Böl								
			CON Int to			DIV Auto (Re	eal)		
		"sensorler".	EN —	ENO "ser	nsorler". "se	nsorler".	"sensorler".		
		pt100_anlik —	IN	OUT — pt1	00_con pt	100_con — IN1 10.0 — IN2	OUT — pt100_deger		
	l								
letwork 5: b	asıncnormscale								
Gelen_Degeri_	10 a Böl								



```
**M8.1 **M8.0 **Q0.3 **arabageri**

"stepler*.main **IEC_Counter_O_DB**

8

**M8.1 **Sayici_reset* R CV **araba_geri_say**
```

Network 10: kaldirma yukari hareket

```
%M2.6
"kaldiriciyukariekr
an"
                                                                                         %Q0.0
"kaldiriciyukari"
                            %I1.0
                                                 %M8.0
                                               "genel_hata"
                     "kaldirci-yukarida"
                                                                                           %DB22
"IEC_Counter_
0_DB_1"
  "stepler".main
      ==
Int
                                                                                             CTU
Int
                                                                                           CU
                                                                               %M8.1
                                                                                                              %MW12
                                                                         "sayici_reset" — R
                                                                                                              "kaldirma_
                                                                                                             - yukari_say"
```

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Network 11: kaldirm asagi hareket

```
%M2.7
"kaldiriciasagiekr
                           %10.7
                                                 %M8.0
                                                                                            %Q0.1
                                              "genel_hata"
                                                                                         "kadiriciasagi"
                     "kaldirici-asagida"
                                                                                              ( )-
                                                                                            %DB23
  "stepler".main
                                                                                         "IEC_Counter_
0_DB_3"
      ==
Int
                                                                                              CTU
                                                                                               Int
                                                                                         CU
                                                                              %M8.1
                                                                                                            %MW14
                                                                        "sayici_reset" 🗕
                                                                                                           "kaldirma_
_ asagi_say"
```

Network 12: cene ac

```
"stepler".main

"stepler".main
```

Network 13: cene kapa

```
%M2.5
                       %10.4
                                         %M8.0
                                                                              %Q0.4
                                                                            "cenekapa"
"cenekapaekran"
                   "cene-kapali"
                                      "genel_hata"
                                                                              %DB26
"stepler".main
                                                                           "IEC_Counter_
0_DB_5"
    ==
Int
                                                                               CTU
                                                                                Int
                                                                           CU
                                                                 %M8.1
                                                                                           %MW18
                                                            "sayici_reset" — R
                                                                                           cene_kapa_say"
                                                                                     CV -
                                                                      1 — PV
```

Network 14: devirme yukari

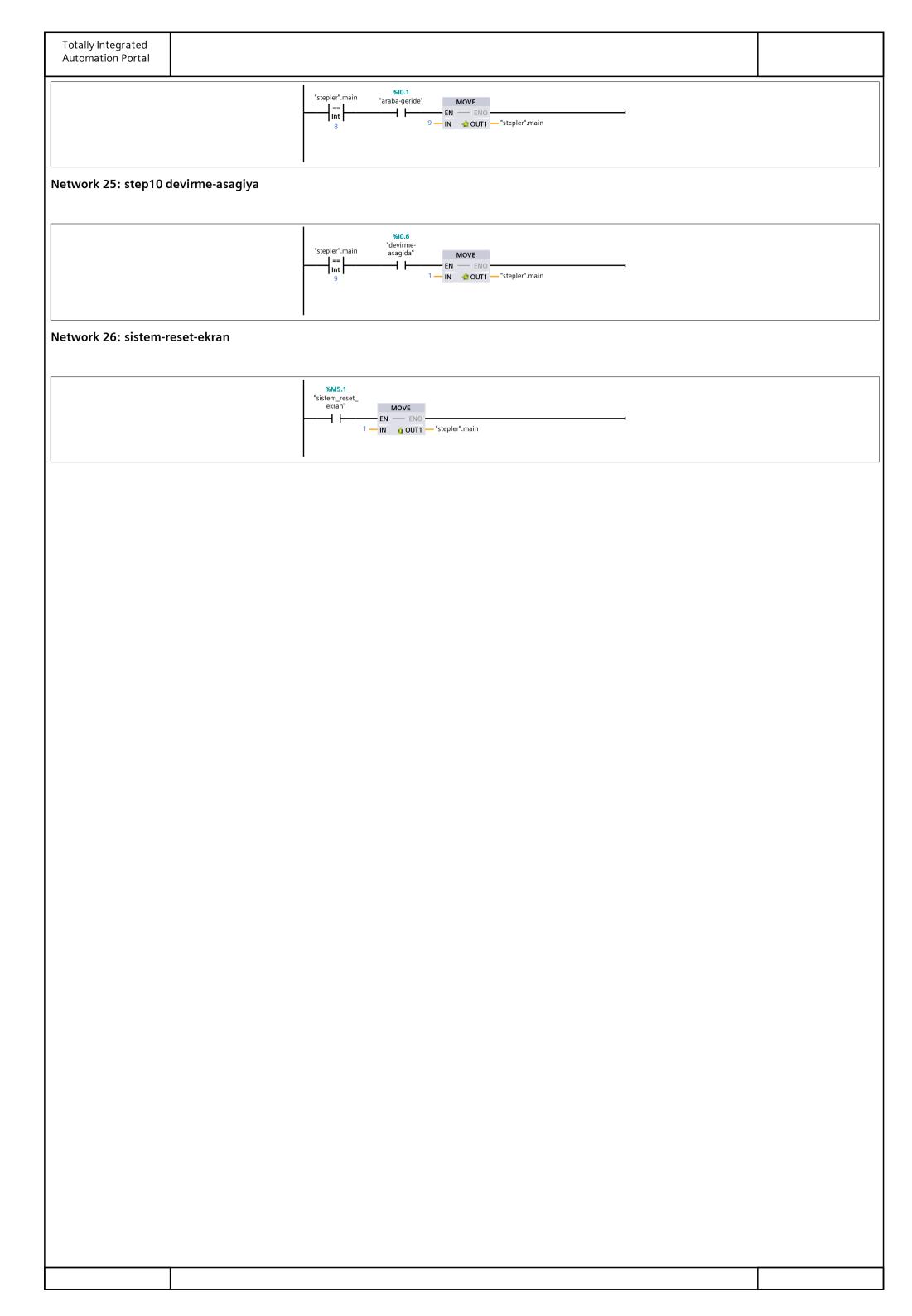
```
%M2.2
                            %10.5
"devirmeyukariekr
an"
                          "devirme-
yukarida"
                                                 %M8.0
                                                                                             %Q0.6
                                              "genel_hata"
                                                                                         "devirmeyukari"
                                                   <del>1</del>/}
                                                                                              %DB27
  "stepler".main
                                                                                         "IEC_Counter_
0_DB_6"
      ==
Int
                                                                                              CTU
                                                                                               Int
                                                                                         CU
                                                                              %M8.1
                                                                        "sayici_reset" 🗕
                                                                                                     "devirme_
yukari_say"
```

Network 15: devirme asagi

```
%M2.3
                        %10.6
                                        %M8.0
"genel_hata"
                      "devirme-
asagida"
"devirmeasagiekr
                                                                                 %Q0.7
                                                                              "devirmeasagi"
                        -//-
                                                                                 -( )-
                                                                                 %DB28
 "stepler".main
                                                                               "IEC_Counter_
0_DB_7"
     ==
Int
                                                                                 CTU
                                                                                 Int
                                                                              - CU
                                                                     %M8.1
                                                                                               %MW22
                                                               "sayici_reset" — R
                                                                                               "devirme_asagi_
                                                                                         cv — say"
                                                                         1 — PV
```

```
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Network 16: step1 first-scan
                                                  "FirstScan"
                                                             - EN --- ENO -
                                                          1 — IN 🔒 OUT1 — "stepler".main
Network 17: step2 otostart
                                                               %M3.2
                                                 "stepler".main "otostartekran" MOVE

EN ENO
                                                    == |
Int |
                                                                     2 — IN OUT1 — "stepler".main
Network 18: step3 devirme-yukariya
                                                            "devirme-
yukarida"
                                                 "stepler".main
                                                                         MOVE
                                                                         - EN --- ENO -
                                                                      3 — IN 🔥 OUT1 — "stepler".main
Network 19: step4 kaldirici-yukariya
                                                 %I1.0
Network 20: step5 cene-kapama
                                                 "stepler".main
                                                              "cene-kapali" MOVE
EN ENO
                                                    == |
Int |
                                                                      5 — IN 🔥 OUT1 — "stepler".main
Network 21: step6 kaldirici-asagiya
                                                 Network 22: step7 araba-ileriye
                                                                %10.2
                                                 "stepler".main
                                                           "araba-ileride"
                                                                         MOVE
                                                                          EN - ENO
                                                                      7 — IN 🔒 OUT1 — "stepler".main
Network 23: step8 cene-acma
                                                              %I0.3
"cene-acik"
                                                  "stepler".main
                                                                         MOVE
                                                    ==
Int
                                                                         EN - ENO
                                                                      8 — IN 🛕 OUT1 — "stepler".main
Network 24: step9 araba-geriye
```



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Program blocks

SINA_SPEED_DB [DB1]

SINA_SPEED_DE	3 Properties						
General							
Name	SINA_SPEED_DB	Number	1	Type	DB	Language	DB
Numbering	Automatic						
Information							
Title		Author	DRVDPS7	Comment		Family	DRIVES
Version	5.0	User-defined ID	SINA_SPD				
V C. S. C. T.	3.0	oser demica is	31117 (_31.15				

'ersion 5.0	User	r-defined ID SINA_SPD							
lame	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Input									
EnableAxis	Bool	0	False	True	True	True	False		0>1; 1 = Enable the drive (OFF2 / OFF 3 are 1 in default status) (OFF1 0>1)
AckError	Bool	0	False	True	True	True	False		1 = Acknowledge drive error
SpeedSp	Real	0.0	False	True	True	True	False		Speed standardises with the standardisation factor
RefSpeed	Real	0.0	False	True	True	True	False		Standardisation factor of speed
ConfigAxis	Word	16#003F	False	True	True	True	False		binary programmed input to contro all functions in the telegram withou its own function block input
HWIDSTW	HW_IO	0	False	True	True	True	False		Hardware Identifer set point slot
HWIDZSW	HW_IO	0	False	True	True	True	False		Hardware Identifer actual value slo
✓ Output									
AxisEnabled	Bool	0	False	True	True	True	False		1 = Drive is enabled
Lockout	Bool	0	False	True	True	True	False		1 = Drive lockout active
ActVelocity	Real	0.0	False	True	True	True	False		Actual in [U/min]
Error	Bool	0	False	True	True	True	False		1 = Error (FB and Infeed)
Status	Word	0	False	True	True	True	False		Status output (7002 = FB in operation; 8xxx = error description - read the manual)
Diagld	Word	16#0000	False	True	True	True	False		Error codes of the cyclic system fur tion blocks DPWR / DPRD_DAT
InOut									
▼ Static									
▼ sxSendBuf	Struct		False	True	True	True	False		Send buffer
STW1	Word	WORD#16#0000	False	True	True	True	False		STW1sxSTW1: STRUCT Bit08: BOOL:=False; // ST-Wort-1 Bit 08> Reserve Bit09: BOOL:=False; // ST-Wort-1 Bit 09> Reserve Bit10: BOOL:=True; // ST-Wort-1 Bit 10> Führung durch PLC Dir: BOOL:=False; // ST-Wort-1 Bit 11> Direction Bit12: BOOL:=False; // ST-Wort-1 Bit 12> Haltebremse unbedingt öffnen Bit13: BOOL:=False; ST-Wort-1 Bit 13> Motorpotenzio eter Sollwert höher Bit14: BOOL:=False; // ST-Wort-1 Bit 14> Motorpotenziometer Sollwert tiefer Bit15: BOOL:=False; // ST-Wort-1 Bit 15> Reserviert Off1: BOOL:=False; // ST-Wort-1 Bit 00> OFF1/ON (flanks acceptance) Off2: BOOL:=True; // ST-Wort-1 Bit 01> OFF2/ON (enable possible) Off3: BOOL:=True; // ST-Wort-1 Bit 02> OFF3/ON (enable possible) InvEn: BOOL:=True; // ST-Wort-1 Bit 04> Enable controller RampEn: BOOL:=True; // ST-Wort-1 Bit 04> Ramp enable RampOn: BOOL:=True; // ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 05> Ramp On SpEn: BOOL:=True; // ST-Wort-1 Bit 07> Acknowledge fault END_STRUCT;
Velocity	Word	WORD#16#0000	False	True	True	True	False		Setpoint of velocity
▼ sxRecvBuf	Struct		False	True		True	False		Receive buffer

Date type	Totally Integrated Automation Portal									
ZSW1	me	Data type	Start value	Retain	from HMI/OPC UA/Web	able from HMI/ OPC UA/ Web	HMI engi- neering	Setpoint	Comment	
	ZSW1	Word	WORD#16#0000	False	True	_	True	False	BOOL:=Fals Schleppfeh Pcd: BOOL PZD-Führi BOOL:=Fals sition erreic BOOL:=Fals bremse öf BOOL:=Fals Warnung Ã Dir: BOOL: rection Invo Wort-1 = ke Überlast I BOOL:=Fals to power up BOOL:=Fals to operate I Wort-1 = In bled) Fault Wort-1 = Fals inactive No ZSW-Wort-1 BOOL:=Fals ON inhibit a BOOL:=Fals	se; // ZSW-Wort-1 = ler im Toleranzbereich :=False; // ZSW-Wort-1 = ung erreicht Comp : se; // ZSW-Wort-1 = Zielpe cht CurLim : se; // ZSW-Wort-1 = Refer esetzt Brake : se; // ZSW-Wort-1 = Halte ffnen Motover : se; // ZSW-Wort-1 = keine cebertemperatur Motor =False; // ZSW-Wort-1 = I over : BOOL:=False; // ZSV eine Warnung thermische Leistungsteil Rts : se; // ZSW-Wort-1 = Ready op / to start Rdy : se; // ZSW-Wort-1 = Ready op / to start Rdy : se; // ZSW-Wort-1 = Ready operation (operation en : BOOL:=False; // ZSW- oult present NoOff2 : se; // ZSW-Wort-1 = OFF2 Off3 : BOOL:=False; // I = OFF3 inactive Inhibit se; // ZSW-Wort-1 = Powe active Alarm : se; // ZSW-Wort-1 = Alarn
	Velocity	Word	WORD#16#0000	False	True	True	True	False		

gram blocks orler [DB2]										
ler Properties										
sensorler	Num	ber 2		Туре	DE			Langue	200	DB
ering Automatic	Num	pei z		туре	וטו)		Langua	age	ОВ
ation										
	Auth			Comment				Family	'	
n 0.1	User	defined ID								
	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comme	ent
tic										
titresim_anlik	Int	0	False	True	True	True	False			
titresim_normx	Real	0.0	False	True	True	True	False			
titresim_scalex	Real	0.0	False	True	True	True	False			
oasinc_anlik	Int	0	False	True	True	True	False			
pasinc_normx	Real	0.0	False	True	True		False			
oasinc_scalex	Real	0.0	False	True		True	False			
ot100_anlik	Int	0	False	True	True		False			
pt100_con	Real	0.0	False	True	True		False			
pt100_deger	Real	0.0	False	True	True		False			
denemesil	Real	0.0	False	True	True	True	False			

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Program blocks

create [DB4]

create Propertie	25						
General							
Name	create	Number	4	Type	DB	Language	DB
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

e	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
Static									
records	UDInt	10000	False	True	True	True	False		
name	String	'kayit1'	False	True	True	True	False		
id	DWord	1	False	True	True	True	False		
headers	String	'sicaklik,basinc,titresim,ara- ba-geride,araba-ileride,cene- acik,cene-kapali,devirme-yu- karida,devirme-asagida,kal- dirici-asagida,kaldirci-yukari- da,kaldiriciyukari,kadiriciasa- gi,arabaileri,arabageri,cene- kapa,ceneac,devirmeyu- kari,devirmeasagi'	False	True	True		False		
▼ data	Struct		False	True	True	True	False		
sicaklik	UDInt	0	False	True	True	True	False		
basinc	UDInt	0	False	True	True	True	False		
titresim	UDInt	0	False	True	True	True	False		
araba-geride	Bool	false	False	True	True	True	False		
araba-ileride	Bool	false	False	True	True	True	False		
cene-acik	Bool	false	False	True	True	True	False		
cene-kapali	Bool	false	False	True	True	True	False		
devirme-yukarida	Bool	false	False	True	True	True	False		
devirme-asagida	Bool	false	False	True	True	True	False		
kaldirici-asagida	Bool	false	False	True	True	True	False		
kaldirci-yukarida	Bool	false	False	True	True	True	False		
kaldiriciyukari	Bool	false	False	True	True	True	False		
kadiriciasagi	Bool	false	False	True	True	True	False		
arabaileri	Bool	false	False	True	True	True	False		
arabageri	Bool	false	False	True	True		False		
cenekapa	Bool	false	False	True	True	True	False		
ceneac	Bool	false	False	True	True		False		
devirmeyukari	Bool	false	False	True	True		False		
devirmeasagi	Bool	false	False	True	True		False		
done	Bool	false	False	True	True		False		
busy	Bool	false	False	True	True		False		
error	Bool		False	True	True		False		
status	Word	16#0	False		True		False		

mbering Automatic ormation e rsion 0.1 Data			from all HMI/OPC fr UA/Web HAPI O WA A	Vrit- ble in HMI engineering IMI/ OPC IA/ Veb IT ue True True True	Setpoint Sup	Language Family Pervi- Comm	nent	
me motor mbering Automatic ormation le	Author User-defined ID Data type Start value ool false	ue Retair False	Comment Accessible W from al HMI/OPC fr UA/Web H API O W A	Vrit- Visible in hole HMI enginom neering IMI/ OPC JA/ Veb	Setpoint Sup sion	Family Pervi- Comm		
ormation le	User-defined ID Pata type Start value ool false	ue Retair False	n Accessible W from al HMI/OPC fr UA/Web H API O W A	ble HMI engi- rom neering IMI/ PPC IA/ Veb API	Setpoint Sup sion	ervi- Comm	nent	
Total on the state of the state	User-defined ID Pata type Start value ool false	ue Retair False	n Accessible W from al HMI/OPC fr UA/Web H API O W A	ble HMI engi- rom neering IMI/ PPC IA/ Veb API	Setpoint Sup sion	ervi- Comm	nent	
Static motor_start Bool	ool false	False	from all HMI/OPC fr UA/Web HAPI O WA A	ble HMI engi- rom neering IMI/ PPC IA/ Veb API	False	ervi- Comm	nent	
motor_start Bool			True Ti	rue True				
motor_nata_reset Boo	OOI TAISE	raise	True II	rue Irue	raise			

dram	blocks										
graiii a_csv [
csv Prope											
ral e	data_csv	Nu	mber 7		Туре	DE	3		Langua	age [DB
bering mation	Automatic										
on	0.1		thor er-defined ID		Comment				Family		
2		Data type	Start value	Retain	HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	HMI engi- neering	Setpoint	Supervi- sion	Comment	t
tatic						API					
	_write_en Create_req	Bool Bool	false false	False False		True True		False False			

	blocks									
pler [D										
oler Proper Ieral					<u></u>					
ne nbering	stepler Automatic	Nu	mber 10		Туре	DB		Langua	age D	DB .
rmation	0.1		thor		Comment			Family	,	
sion ne	0.1	Data type	er-defined ID Start value	Retain	Accessible	Writ- Visible i	n Setpoint	Supervi-	Comment	t
		,			from HMI/OPC UA/Web API	able HMI eng from neering HMI/ OPC UA/ Web	i- '	sion		
Static						API				
main		Int	0	False	True	True True	False			

enel [DB												
neral me	genel	Nı	ımber 13		Туре	DI	R		Langu	age	DB	
mbering	Automatic	INL	imber 13		туре	וטו	5		Langu	age	DR	
ormation												
le rsion	0.1		er-defined ID		Comment				Family	<i>'</i>		
	0.1		<u> </u>									
ne		Data type	Start value	Retain	UA/Web API	able from HMI/ OPC UA/ Web	HMI engi- neering	Setpoint	Supervi- sion	Commen	t	
Static						API						
	sim-dosya-olustur	Bool	false	False	True	True	True	False				
	sim-dosya-sil	Bool	false	False		True		False				
deger1	, ·	Int	0	False		True		False				
titresim-		Bool	false	False	True	True	True	False				
intdener	mesil	UDInt	0	False		True		False				
binaryde	enemesil	Byte	16#0	False		True		False				
sil111		Bool	false	False	True	True	irue	False				

Interest of the control of the contr		rties						
Author Comment Family sion 0.1 User-defined ID The Data type Default value Comment Input Initial_Call Sool Initial call of this OB Event_Count Int Events discarded Temp Constant twork 1: cycl_pals_olustur1 The Comment Initial Call of this OB Event_Count Int Sevents discarded Towns Initial Call of this OB Event_Count Int Sevents discarded Towns Initial Call of this OB Event_Count Int Sevents discarded Temp Constant The Count Initial Call of this OB Events discarded Towns Initial Call of this OB Events discarded Towns Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Constant The Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded Temp Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of this OB Events discarded The Count Initial Call of t	ne Cyclic in	terrupt_1s Nu	mber 30		Туре	ОВ	Language	LAD
e Author User-defined ID me	nbering Automa ormation	tic						
Data type Input Initial Call Bool Initial Call Event_Count Int Event_Count Event_Constant Event_Constant Data type Intial Call Event_Count Int Event_Count Event_Giscarded Ev	е				Comment		Family	
Imput Imidal_Call Bool Initial call of this OB Event_Count Int Event_Count Event_Constant		Use						
Initial_Call			Data type	Default value		Comment		
Event_Count Temp Constant twork 1: cycl_pals_olustur1 A00			Bool			Initial call of this OB		
twork 1: cycl_pals_olustur1 ADD Auto (int) Auto (i	Event_Count		Int			Events discarded		
twork 1: cycl_pals_olustur1 ADD Auto(ms) **genet'.deger1								
twork 2: cycl_pals_olustur2 **genet**.deger1		olustur1						
twork 3: csvdatayazen **M4.1 **Csv_verikaydet_ekran' **DataLogWrite_ DB** **DataLogWrite_ BUSY - false BUSY - false ERROR - false STATUS - 0	:work 2: cycl_pals	s_olustur2		IN1 OUT — "genel".de	eger1			
DONE → false BUSY → false "genel".deger1 == REQ STATUS → 0	work 3: csvdatay	/azen	%M4.1 "csv_verikaydet_ekran"		%DB5 "DataLogWrite_ DB" DataLogWrite			
			== Int	"create".id — ID	B ERI	JSY ─ false ROR ─ false		

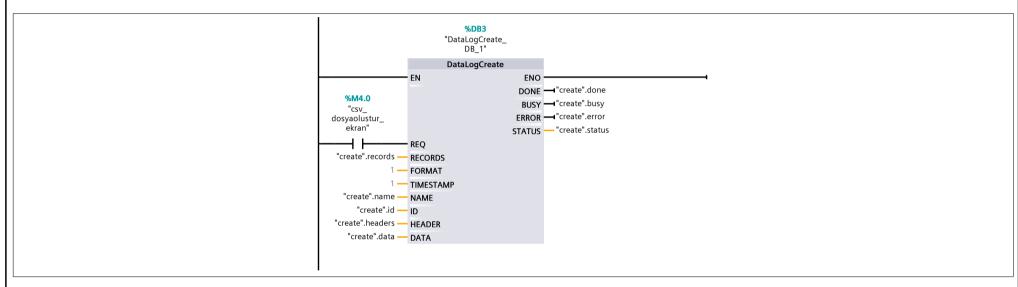
Program blocks

CSV_GENEL_KAYIT [OB123]

CSV_GENEL_KA	YIT Properties						
General							
Name	CSV_GENEL_KAYIT	Number	123	Type	ОВ	Language	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cy-cle)"	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: csvdatadosyaolustur



Network 2: csv_dosya_sil

```
**DB12
**DataLogDelete
DB_1**

DataLogDelete
EN ENO
DONE
**Csv_dosyasil.
ekran**—REQ ERROR
**Create**.name*—NAME STATUS**

**Create**.id**—DelFile
**Create**.id**—Islae
**Talse
**Tal
```

Network 3: sicaklikcsvaktarma

```
%M1.2

"AlwaysTRUE"

MOVE
EN EN EN OUT1

"create".data.

"create".data.

sicaklik
```

Network 4: titresimcsvhamveriaktarma

```
*M1.2

"AlwaysTRUE"

EN — ENO

%IW6

"titresim" — IN decided OUT1

"create".data.

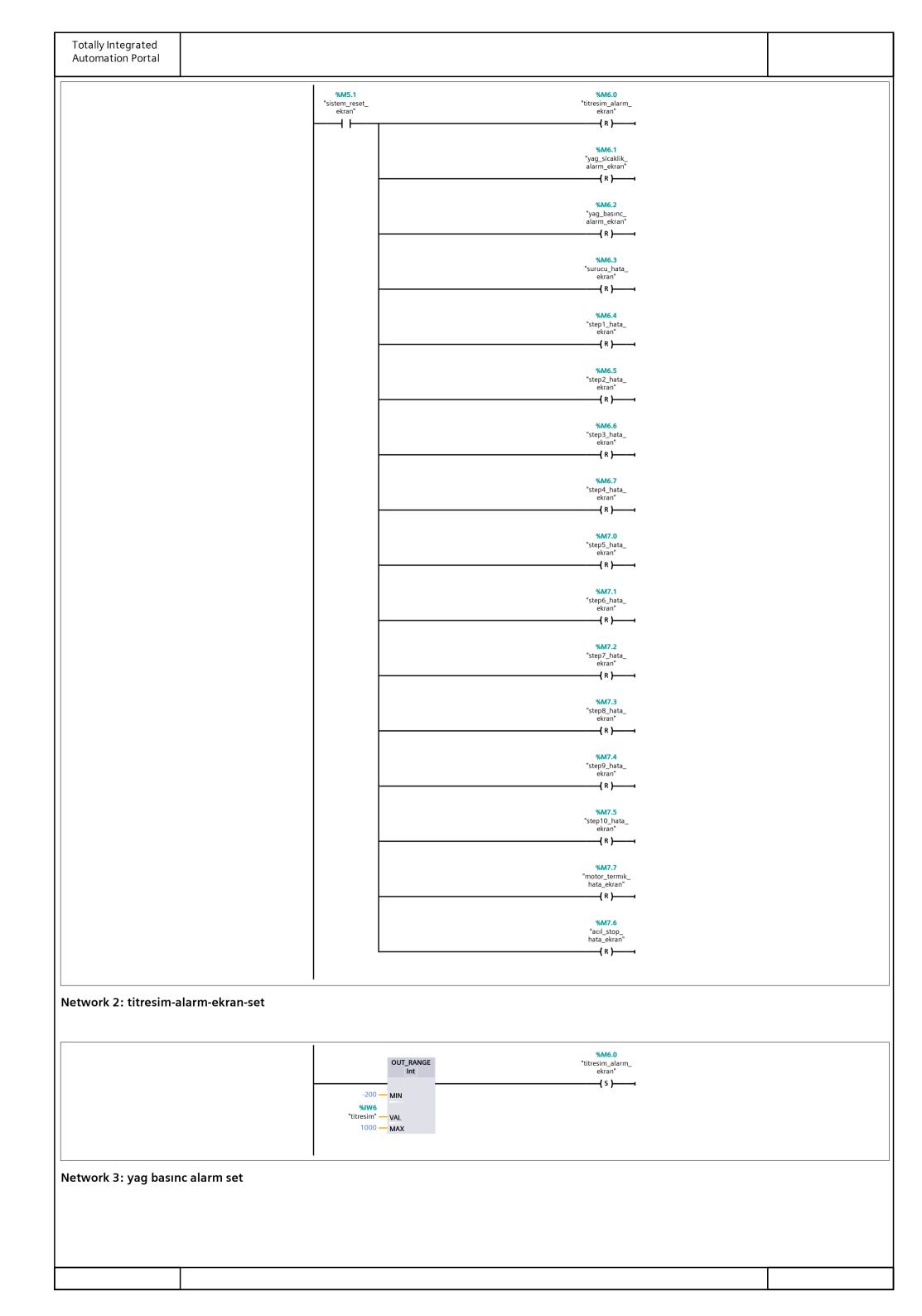
"titresim"
```

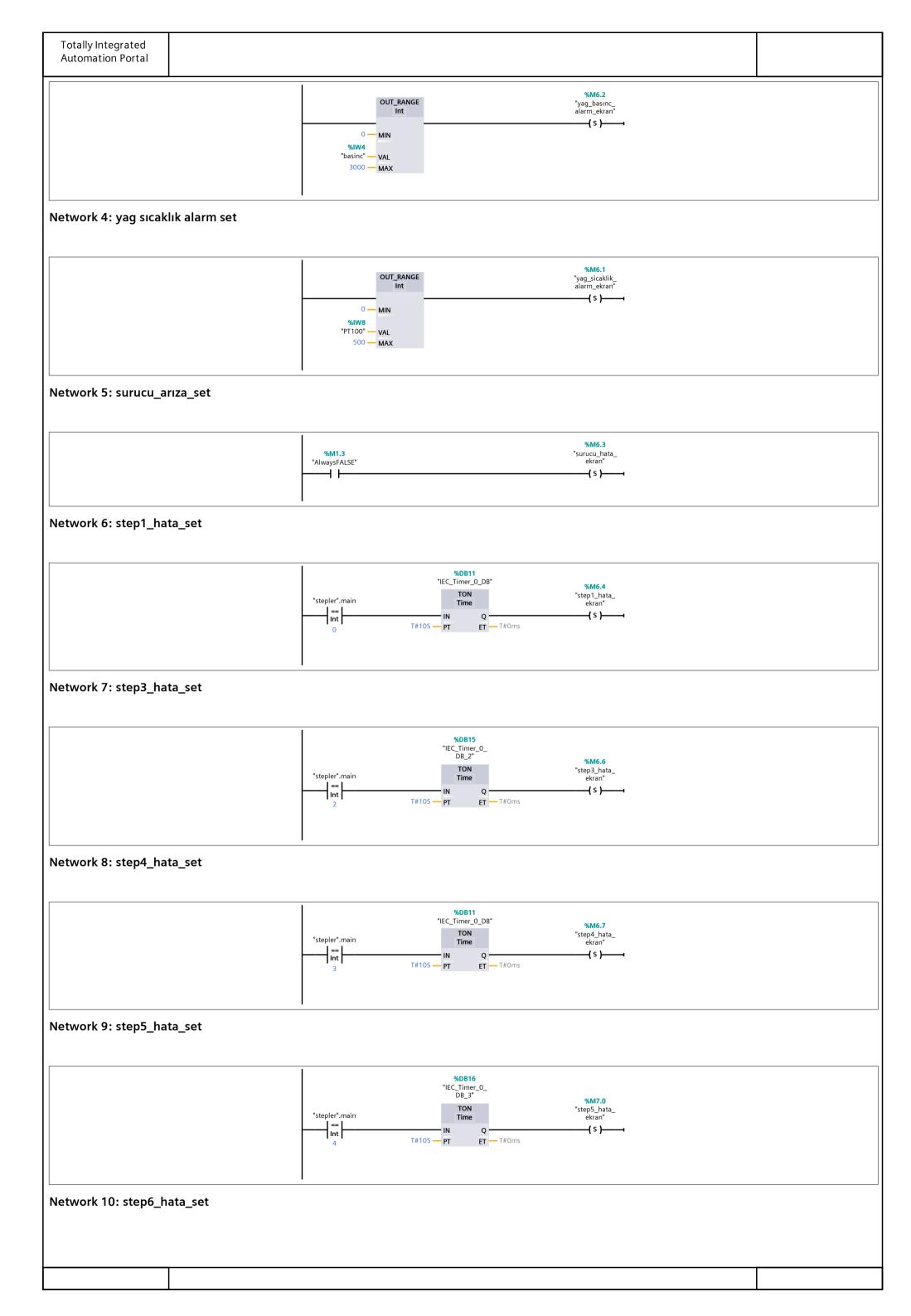
Network 5: basınccsvaktarma

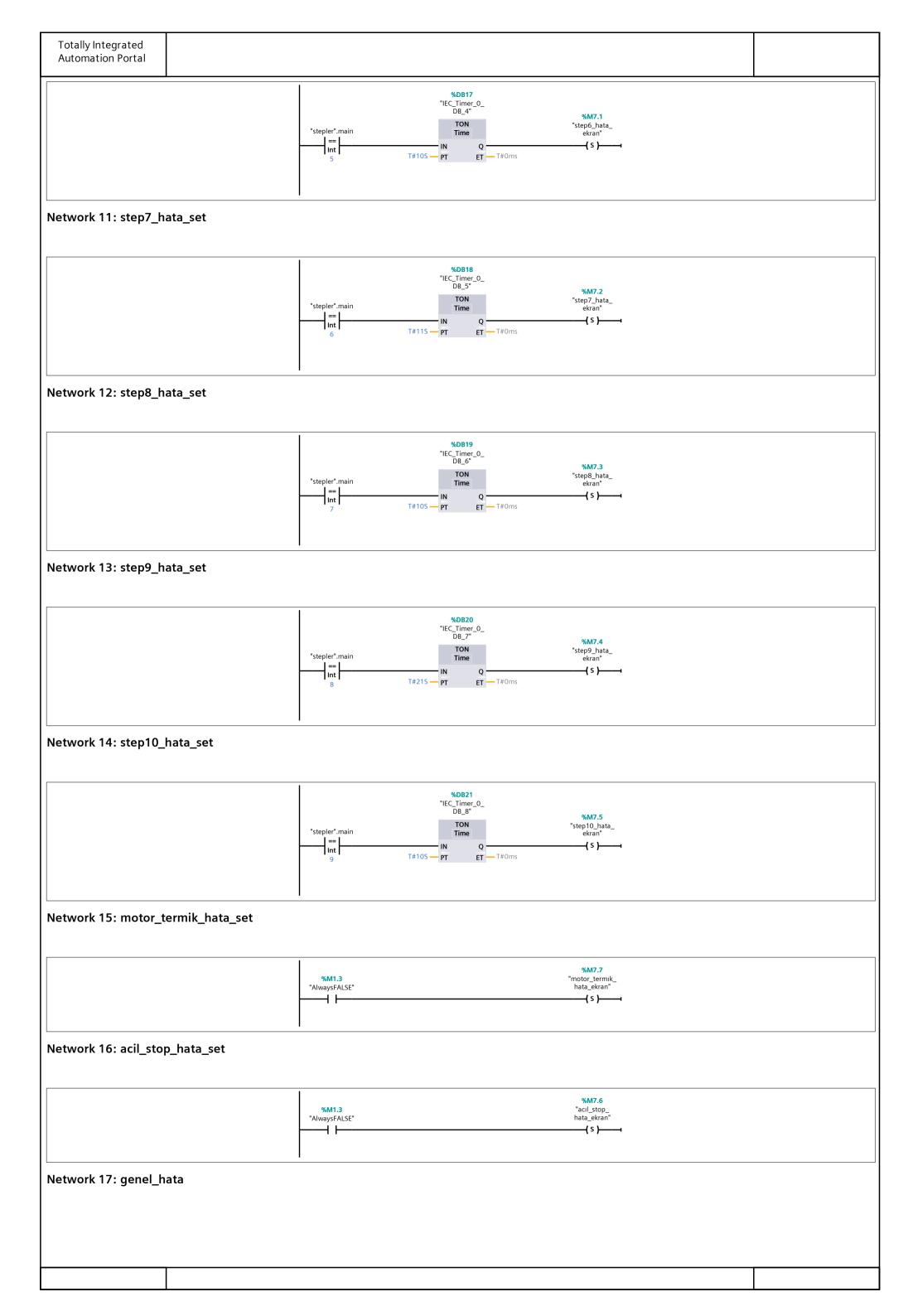
```
Totally Integrated
   Automation Portal
                                                                      %M1.2
"AlwaysTRUE"
                                                                                        MOVE
                                                                              %IW4 "create".data.
"basinc" — IN 👍 OUT1 — basinc
Network 6: kaldiriciyukari csv
                                                                      %Q0.0
"kaldiriciyukari"
                                                                                                                                             "create".data.
kaldiriciyukari
Network 7: kadiriciasagi csv
                                                                      %Q0.1
"kadiriciasagi"
                                                                                                                                             "create".data.
kadiriciasagi
Network 8: arabaileri csv
                                                                        %Q0.2
"arabaileri"
                                                                                                                                             "create".data.
arabaileri
Network 9: arabageri csv
                                                                        %Q0.3
"arabageri"
                                                                                                                                             "create".data.
arabageri
Network 10: cenekapa csv
                                                                          %Q0.4
                                                                                                                                             "create".data.
                                                                        "cenekapa"
                                                                                                                                              cenekapa
Network 11: ceneac csv
                                                                                                                                             "create".data.
ceneac
                                                                          %Q0.5
Network 12: devirmeyukari csv
                                                                          %Q0.6
                                                                                                                                             "create".data.
                                                                      "devirmeyukari"
Network 13: devirmeasagi csv
                                                                      %Q0.7
"devirmeasagi"
                                                                                                                                             "create".data.
devirmeasagi
                                                                                                                                                Network 14: araba-geride csv
                                                                      %I0.1
"araba-geride"
                                                                                                                                             "create".data.
"araba-geride"
```

Totally Integrated Automation Portal					
Network 15: araba-ile	eride csv				
		%10.2 "araba-ileride"	"c "ai	create".data. araba-ileride" ——()———	
Network 16: cene-aci	k csv				
		%10.3 "cene-acik"	"c "	create".data. "cene-acik" ——()———	
Network 17: cene-ka	pali csv				
		%10.4 "cene-kapali"	"c "c	create".data. cene-kapali" 	
Network 18: devirme	-yukarida csv				
		%I0.5 "devirme- yukarida"		create".data. "devirme- yukarida" (
Network 19: devirme	-asagida csv				
		%10.6 "devirme- asagida"		create".data. "devirme- asagida" — ()——	
Network 20: kaldirici	-asagida csv				
		%I0.7 "kaldirici-asagida"		create".data. "kaldirici- asagida" ——(
Network 21: kaldirci-	yukarida csv				
		%11.0 "kaldirci-yukarida"		create".data. "kaldirci- yukarida" —— ()———•	

ta [OB1	blocks 241								
a Propertie									
neral									
me	hata Automatic	Number	124		Type	ОВ	Language	LAD	
mbering ormation	Automatic								
e	"Main Program Sweep (Cy-	Author			Comment		Family		
	cle)"								
sion	0.1	User-defined I	D						
ne		Data type		Default value		Comment			
Input									
Initial_C		Bool				Initial call of this			
Remane	nce	Bool				=True, if remaner	it data are available		
Temp Constant									
JOHSTAIL									







Totally Integrated **Automation Portal** %M6.4 "step1_hata_ ekran" **%M8.0** "genel_hata" %M6.6 "step3_hata_ ekran" **%M6.7**"step4_hata_ ekran" %M7.0 "step5_hata_ ekran" +**%M7.1** "step6_hata_ ekran" **%M7.2** "step7_hata_ ekran" **%M7.3** "step8_hata_ ekran" **%M7.4**"step9_hata_ ekran" **%M7.5**"step10_hata_ ekran"

Totally Integ Automation											
DataLogCreate	blocks / Systoneate_DB_1 [DB _DB_1 Properties		ocks / Prog	gram resource	es						
General		4 1					5.5	•		D.D.	
Name	DataLogCreate_DB_	1	Number	3	[1]	уре	DB	Langua	ge	DB	
Numbering	Automatic										
Information							_				
Title			Author	SIMATIC	C	Comment		Family	l	DataLog	
Version	1.0	ι	Jser-defined ID	DL_Creat							
Name		Data type	e Start val	ue Ret	tain	from a	Writ- Visible in able HMI engi- rom neering	Supervi- sion	Commen	t	

API

True

True

True

True

False

True

True

True

True

True

False

▼ Input

REQ

Records

Format

Name

DONE

BUSY

ERROR

STATUS

Header

Data Static

Output

▼ InOut

Timestamp

Bool

UInt

UInt

Bool

Bool

Bool

Word

DWord

Variant

Variant

Variant

UDInt

false

1

1

1

false

false

false

0

0

OPC

UA/ Web API

True True

True True

True True

True True

False False

True True

True True

True True

True True

True True

False False

False False

False

False

False

False

False

False

False

False

False

False

False

False

	Automatic	i tuii	nber	5		Туре	D	В		Langu	age	DB
Information Title Version	1.0	Autl		SIMATIC D DL_Write		Comment				Family	,	DataLog
Name		Data type	Start v		Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comm	ent
▼ Input							API					
REQ		Bool	false		False	True	True	True	False			
▼ Output												
DONE		Bool	false		False	True		True	False			
BUSY ERROR		Bool Bool	false false		False False	True True		True True	False False			
STATUS		Word	0		False	True		True	False			
▼ InOut												
ID		DWord	0		False	True	True	True	False			
Static												

tomatic		nber 8		Туре	D			Langua	age	DB
	Auth			Comment				Family	•	OUC
	Data type	Start value	Retain	from	able	HMI engi- neering	Setpoint	Supervi- sion	Comm	ent
	Bool	false	False	True	True	True	False			on to be executed on rising
	CONN_OUC	16#0	False	True	True	True	False			ction identifier
	Bool	false	False	True	True	True	False		New da	ata received
	Bool		False	True			False			on busy
	Word	W#16#7000	False	True	True	True	False		Functio	on result/error message
			- 1						6	
	Variant		False	False	False	False	False		Connec	ction description
		Bool CONN_OUC	Bool false CONN_OUC 16#0 Bool false Bool false Bool false Word W#16#7000	Bool false False Bool false False CONN_OUC 16#0 False Bool false False Bool false False Bool false False Word W#16#7000 False	Bool false False True Bool false False True CONN_OUC 16#0 False True Bool false False True Bool false False True Bool false False True Bool false False True Word W#16#7000 False True	Data type Start value Retain Accessible writ- from able HMI/OPC UA/Web API OPC UA/ Web API Bool False True True CONN_OUC 16#0 False False True True Bool false False False True True True Bool false False False True True True True Bool False False True True True True True	Data type Start value Retain Accessible from HMI/OPC UA/Web HMI/OPC UA/Web API Bool False False True True True True True Bool False False True True	Data type Start value Retain from from HMI/OPC UA/Web API OPC UA/Web API UA/Web API UA/Web API UA/Web API UA/Web API UA/Web API UA/Web UA	Data type Start value Retain Accessible HMI engineering HMI/OPC UA/Web API OPC UA/Web OPC UA/Web API OPC	Data type Start value Retain Accessible from able HMI engi-from neering HMI/OPC UA/Web API OPC UA/Web API OPC

Totally Integrated
Automation Portal

Program blocks / System blocks / Program resources

PLC_1_Connection_DB [DB9]

PLC_1_Connect	ion_DB Properties						
General							
Name	PLC_1_Connection_DB	Number	9	Type	DB	Language	DB
Numbering	Automatic						
Information							
Title		Author	SIMATIC	Comment		Family	MC7Plus
Version	1.0	User-defined ID	IP_RFC				

itle	Author			Comment				Family	MC7Plus
/ersion 1.0	User-de	efined ID IP_RFC							
ame	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Static									
InterfaceId	HW_ANY	64	False	True	True	True	False		HW-identifier of IE-interface submule
ID	CONN_OUC	2	False	True	True	True	False		connection reference / identifier
ConnectionType	Byte	16#0C	False	True	True		False		type of connection: 12= ISO-on-To
	•								(18=ISO-on-TCP)
Active Established	Bool	true	False	True	True	True	False		active/passive connection establis ment
RemoteAddress	IP_V4		False	True	True	True	True		remote IP address (IPv4)
▼ ADDR	Array[14] of Byte		False	True	True	True	False		IPv4 address
ADDR[1]	Byte	192	False	True	True	True	False		IPv4 address
ADDR[2]	Byte	168	False	True	True	True	False		IPv4 address
ADDR[3]	Byte	1	False	True	True	True	False		IPv4 address
ADDR[4]	Byte	50	False	True	True	True	False		IPv4 address
▼ RemoteTSelector	TSelector		False	True	True	True	True		remote transport selector
TSelLength	UInt	12	False	True	True	True	False		length of TSelector
▼ TSel	Array[132] of Byte		False	True	True	True	False		Tselector array
TSel[1]	Byte	B#16#E0	False	True	True	True	False		Tselector array
TSel[2]	Byte	B#16#01	False	True	True	True	False		Tselector array
TSel[3]	Byte	B#16#49	False	True	True	True	False		Tselector array
TSel[4]	Byte	B#16#53	False	True	True	True	False		Tselector array
TSel[5]	Byte	B#16#4F	False	True	True		False		Tselector array
TSel[6]	Byte	B#16#6F	False	True	True		False		Tselector array
TSel[7]	Byte	B#16#6E	False	True	True		False		Tselector array
TSel[8]	Byte	B#16#54	False	True	True		False		Tselector array
TSel[9]	Byte	B#16#43	False	True	True		False		Tselector array
TSel[10]	Byte	B#16#50 B#16#2D	False	True	True		False		Tselector array
TSel[11] TSel[12]	Byte Byte	B#16#31	False False	True True	True True		False False		Tselector array Tselector array
TSel[13]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[14]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[15]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[16]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[17]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[18]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[19]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[20]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[21]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[22]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[23]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[24]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[25]	Byte	B#16#0 B#16#0	False False	True	True		False False		Tselector array
TSel[26] TSel[27]	Byte Byte	B#16#0	False	True True	True True		False		Tselector array Tselector array
TSel[28]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[29]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[30]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[31]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[32]	Byte	B#16#0	False	True	True	True	False		Tselector array
▼ LocalTSelector	TSelector		False	True	True	True	True		local transport selector
TSelLength	UInt	12	False	True	True	True	False		length of TSelector
▼ TSel	Array[132] of Byte		False	True	True		False		Tselector array
TSel[1]	Byte	B#16#E0	False	True	True	True	False		Tselector array
TSel[2]	Byte	B#16#01	False	True	True		False		Tselector array
TSel[3]	Byte	B#16#49	False	True	True	True	False		Tselector array
TSel[4]	Byte	B#16#53	False	True	True	True	False		Tselector array
TSel[5]	Byte	B#16#4F	False	True	True		False		Tselector array
TSel[6]	Byte	B#16#6F	False	True	True		False		Tselector array
TSel[7]	Byte	B#16#6E	False	True	True	True	False		Tselector array

TSel[8] TSel[9]				from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	sion	
TSel[9]	Byte	B#16#54	False	True	True		False		Tselector array
	Byte	B#16#43	False	True	True		False		Tselector array
TSel[10]	Byte	B#16#50	False	True	True		False		Tselector array
TSel[11]	Byte	B#16#2D	False	True	True		False		Tselector array
TSel[12]	Byte	B#16#31	False	True	True		False		Tselector array
TSel[13]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[14]	Byte	B#16#0 B#16#0	False	True	True		False		Tselector array
TSel[15]	Byte	B#16#0	False False	True True	True True		False False		Tselector array Tselector array
TSel[16] TSel[17]	Byte Byte	B#16#0	False	True	True		False		Tselector array
TSel[17]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[19]	Byte	B#16#0	False		True		False		Tselector array
TSel[20]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[21]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[22]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[23]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[24]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[25]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[26]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[27]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[28]	Byte	B#16#0	False	True	True	True	False		Tselector array
TSel[29]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[30]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[31]	Byte	B#16#0	False	True	True		False		Tselector array
TSel[32]	Byte	B#16#0	False	True	True	True	False		Tselector array

Totally Integ Automation										
DataLogD	blocks / Systelete_DB_1 [D		cks / Prog	gram resources						
General										
Name	DataLogDelete_DB	_1 N u	ımber	12	Туре	DB		Langua	ge	DB
Numbering	Automatic					·				
Information										
Title		Au	ıthor	SIMATIC	Comment			Family		DataLog
Version	1.0	Us	er-defined ID	DL-Dele						
Name		Data type	Start valu	ue Retain	from	Writ- Visible in able HMI engi-from neering	Setpoint	Supervi- sion	Comme	nt

Title		Author SIMATIO	С	Comment				Family	DataLog
Version	1.0	User-defined ID DL-Dele	2						
Name	Data typ	e Start value	Retain	HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Input									
REQ	Bool	false	False	True	True	True	False		Perform function on rising edge
NAME	Variant		False	False	False	False	False		Filename of the DataLog
DelFile	Bool	false	False	True	True	True	False		Data log file is kept (=FALSE) or deleted (=TRUE)
▼ Output									
DONE	Bool	false	False	True	True	True	False		Function performed
BUSY	Bool	false	False	True	True	True	False		Function busy
ERROR	Bool	false	False	True	True	True	False		Error flag
STATUS	Word	16#0	False	True	True	True	False		Function result / error message
▼ InOut									
ID	DWord	16#0	False	True	True	True	False		Achive object id
Static									

Timer_0_D	DB Properties										
eral e bering	IEC_Timer_0_DB Automatic	Nur	mber 11		Туре	DI	В		Langua	age	DB
mation on	1.0	Aut Use	hor Sim		Comment				Family		IEC
2		Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	HMI engi- neering	Setpoint	Supervi- sion	Comme	ent
atic						API					
PT		Time	T#0ms	False	True	True		False			
ET IN		Time Bool	T#0ms false	False False	True True	False True		False False			
Q		Bool	false	False	True	False		False			

Totally Integ	grated															
Automation	Portal															
rogram	hlocks	/ Syst	om hl	locks	· / Pro	aram	rosour	rcos								
				OCKS	5 / P10	gram	resour	ces								
C_Timer_			·]													
_Timer_0_D neral	B_2 Proper	ties														
me Imbering	IEC_Time Automat	r_0_DB_2		Numbe	er	15			Type	DI	В		Langua	ige	DB	
ormation le	7 10 10 11 10 1			Author		Simatic			Comment				Family		IEC	
rsion	1.0) IEC_TMR			Comment				raillily		IEC	
me			Data typ	ре	Start va	lue		Retain	Accessible from	Writ-	Visible in HMI engi-	Setpoint	Supervi- sion	Comm	nent	
										from HMI/	neering					
									API	OPC UA/						
										Web API						
Static																
PT ET			Time Time		T#0ms T#0ms			False False	True True	True False		False False				
IN			Bool		false			False	True	True	True	False				
Q			Bool		false			False	True	False	True	False				

mbering Automat		umber 16		Туре	DE	3		Langua	ge DB
ormation le rsion 1.0		uthor Simatic ser-defined ID IEC_TMI		Comment				Family	IEC
me	Data type	Start value	Retain	HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
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