

Ethernet-Teilnehmer bearbeiten [X]

Ethernet-Teilnehmer

Drinks-unterstütztes Teilnehmer

MAC-Adresse:

IP-Konfiguration erstellen

IP-Parameter verwenden

IP-Adresse:

Subnetzmaske:

Netzwerk

Leines-Router verwenden

Router verwenden

Router:

IP-Adresse von einem DHCP-Server beziehen

Standard-Übertragungsmodus

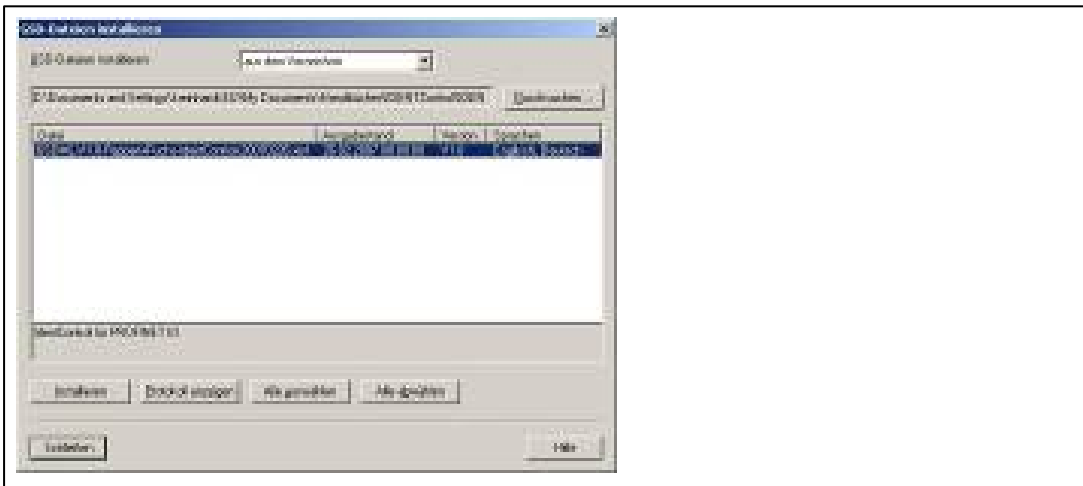
DHCP statisch statisch

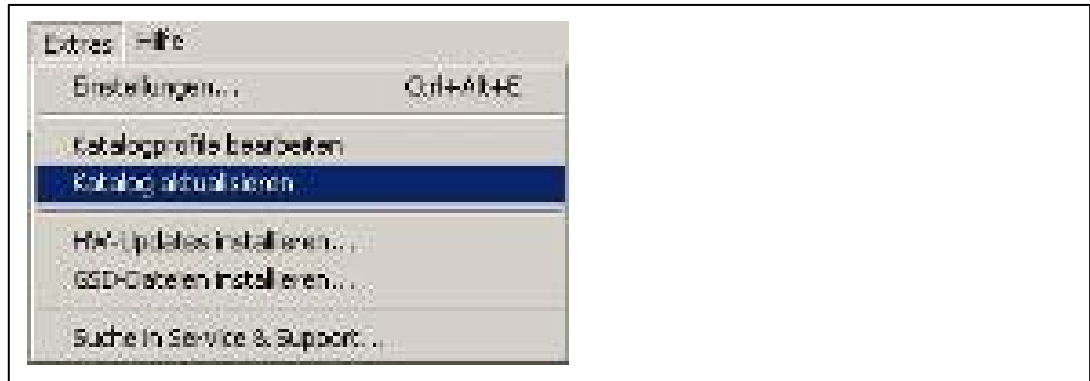
Dien-ID:

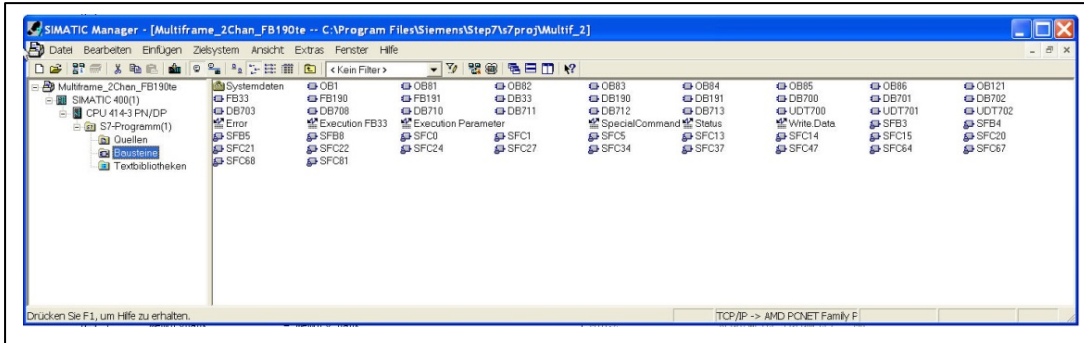
Standardwerte vorgeben

Größenname:

Rückweise auf Vorkonfigurationen







SIMATIC 400(1) (Konfiguration) -- Singleframe_2Chan

(0) CR3

1	PS 407 4A
2	CPU 414-3
IF1	
X7	MP/DI
X5	PN/DI
X5 P1	Port 1
X5 P2	Port 2
4	

Steckplatz	Baugruppe	Bestellnummer	Firmware	MPI-Adresse	E-Adresse	A-Adresse	Kommentar
1	PS 407 4A	6ES7 407-0DA02-0AA0					
2	CPU 414-3 PN/DI	6ES7 414-3EM05-0AB0	V5.2				
IF1							
X7	MP/DI				8191*		
X5	PN/DI				8192*		
X5 P1	Port 1				8193*		
X5 P2	Port 2				8194*		
4							

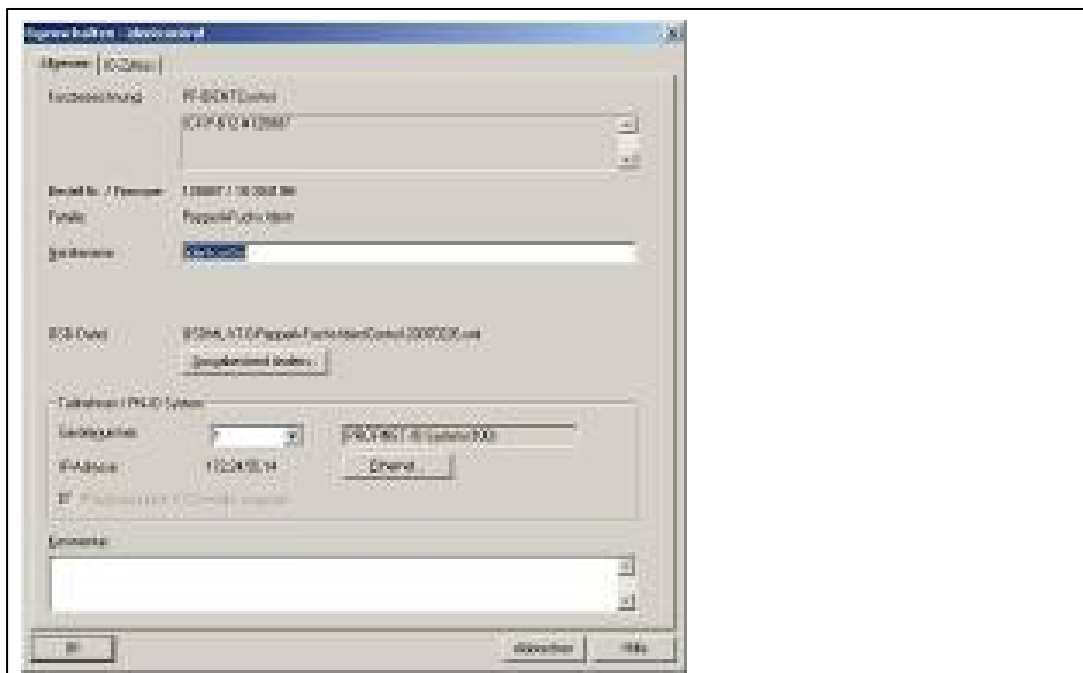
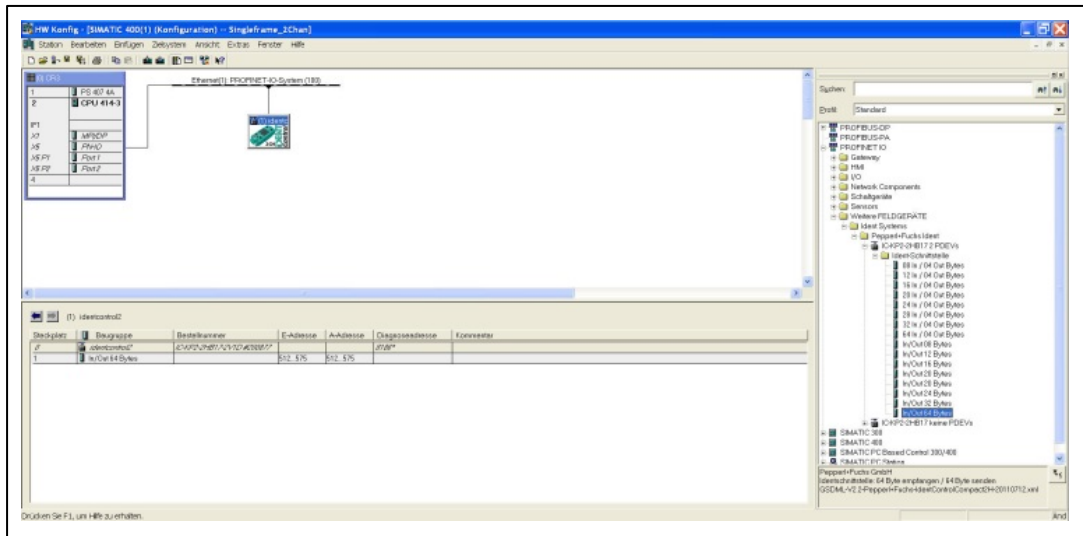
SIMATIC 400(1) (Konfiguration) -- Singleframe_2Chan

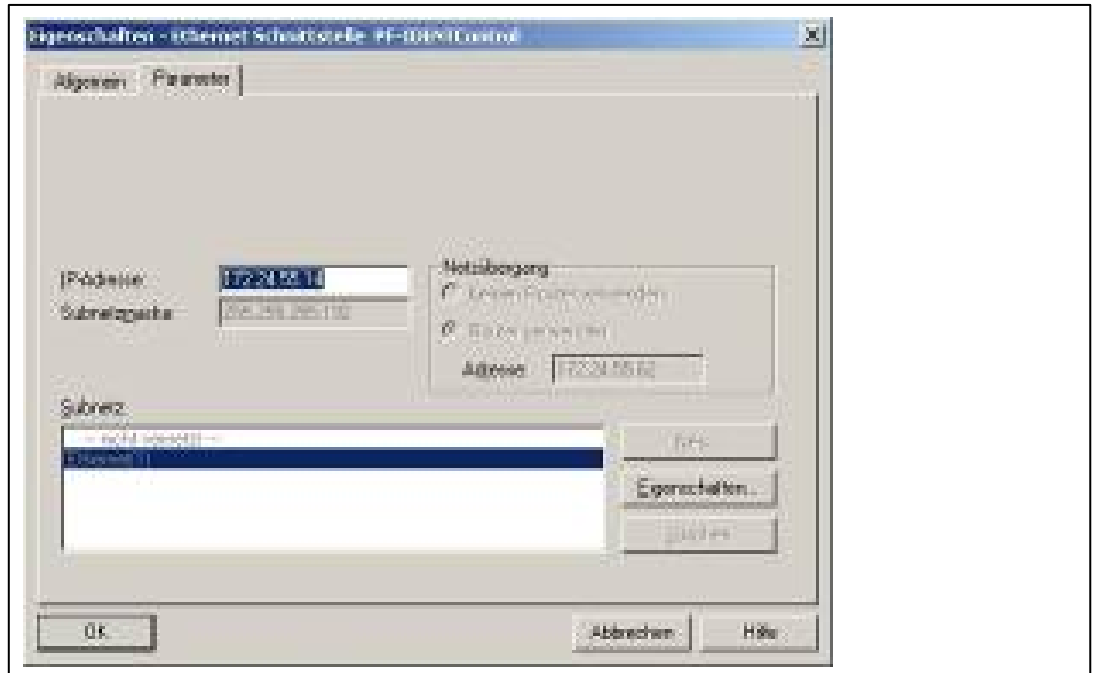
(0) CR3

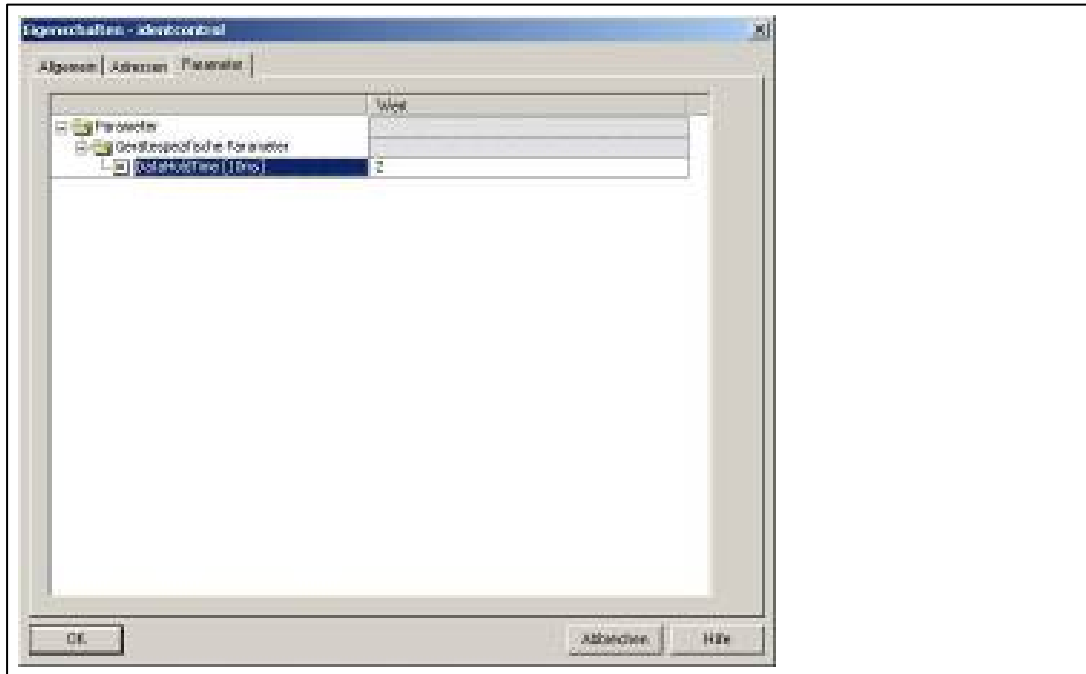
Ethernet(1): PROFINET-IO-System (100)

1	PS 407 4A
2	CPU 414-3
IF1	
X7	MP/DI
X5	PN/DI
X5 P1	Port 1
X5 P2	Port 2
4	

Steckplatz	Baugruppe	Bestellnummer	Firmware	MPI-Adresse	E-Adresse	A-Adresse	Kommentar
1	PS 407 4A	6ES7 407-0DA02-0AA0					
2	CPU 414-3 PN/DI	6ES7 414-3EM05-0AB0	V5.2				
IF1							
X7	MP/DI				8191*		
X5	PN/DI				8192*		
X5 P1	Port 1				8193*		
X5 P2	Port 2				8194*		
4							









```
CALL "FB190_IUHParam" , "DB190_IUHParam"  
HeadNumber      := "HeadxNumber"  
ReadWriteParameter := "ReadWriteParameter"  
PowerTransmit   := "Power Transmit"  
TriesAllowed    := "TriesAllowed"  
ChannelDenseReaderMode := "Channel Dense Reader"  
ProtocolMode    := "Protocol Mode"  
Information     := "More Information"  
QValue         := "Q-Value"  
NumberOfTags   := "Number of Tags"  
SensingMode    := "Sensing Mode"  
MemoryBank     := "Memory Bank"  
MeasureReflection := "Measure Reflection"  
AdditionalInformation := FALSE //Input not supported in multiframe-mode  
ResetToDefault  := "Reset to Default"  
FilterList      := "Filter List"  
EnhancedStatus5 := "Enhanced Status 5"  
AntennaPolarisation := "Antenna Polarisation"  
ParamFinished   := "ParamFinished"  
ParamError      := "ParamError"  
ParamTypeError  := "ParamTypeError"  
ParamBusy       := "ParamBusy"  
ParamStart      := "ParamStart"
```


Var - [Execution Parameter -- @ Multiframe_2Chan_FB190teS...

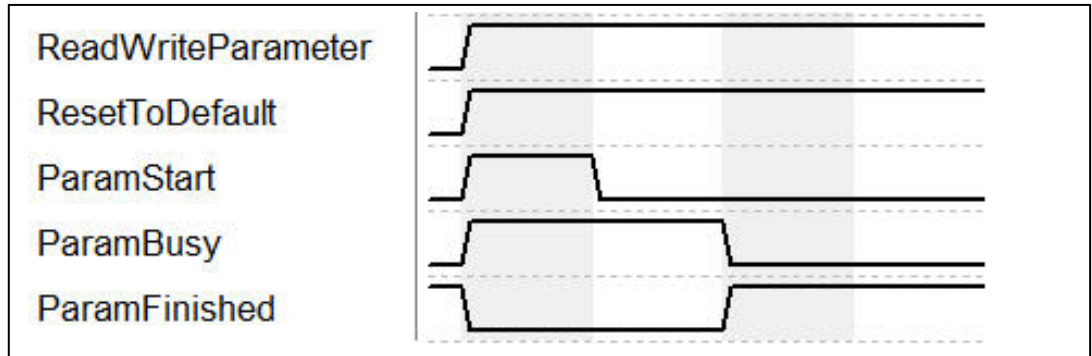
Tabelle Bearbeiten Einfügen Zielsystem Variable Ansicht Extras Fenster Hilfe

	Operand	Symbol	Anzeigeformat	Statuswert	Steuwert
1	M	13.0	"ParameterEnable"	BOOL true	true
2	M	13.1	"NormalEnable"	BOOL false	false
3					
4	M	9.0	"Start"	BOOL false	true
5	M	11.0	"Finished"	BOOL true	
6	M	11.2	"ErrorParam"	BOOL false	
7	MW	14	"ErrorCMD"	HEX W#16#0000	
8					
9	MB	12	"HeadxNumber"	HEX B#16#01	B#16#01
10	M	9.1	"ReadWriteParameter"	BOOL false	
11					
12	M	9.2	"Power Transmit"	BOOL true	true
13	M	9.3	"TriesAllowed"	BOOL false	
14	M	9.4	"Channel Dense Reader"	BOOL false	
15	M	9.5	"Protocol Mode"	BOOL false	
16	M	9.6	"More Information"	BOOL false	
17	M	9.7	"Q-Value"	BOOL false	
18	M	10.0	"Number of Tags"	BOOL false	
19	M	10.1	"Sensing Mode"	BOOL false	
20	M	10.2	"Memory Bank"	BOOL false	
21	M	10.3	"Measure Reflection"	BOOL false	
22	M	10.5	"Reset to Default"	BOOL false	
23	M	10.6	"Filter List"	BOOL false	
24					

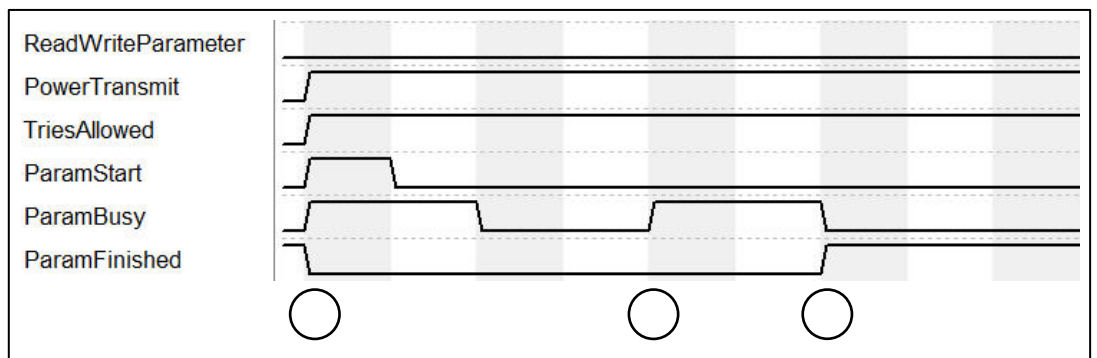
Multiframe_2Chan_FB190te(SIMATIC 400(1))\...\S7-Programm(1)

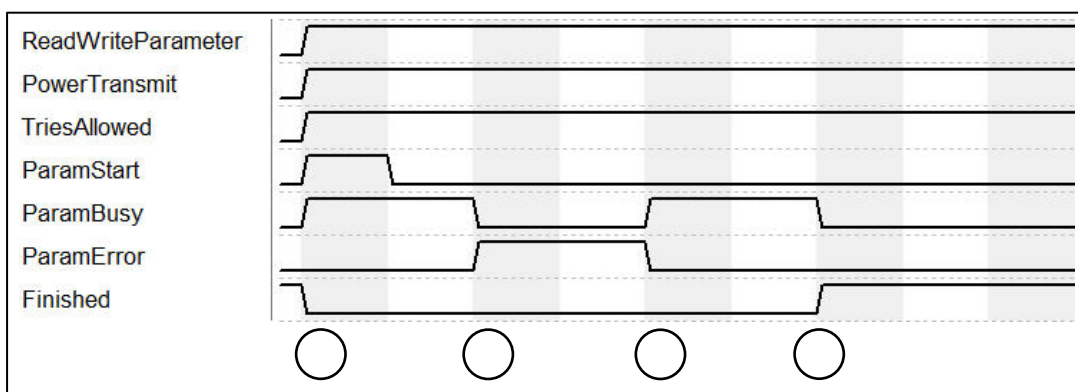
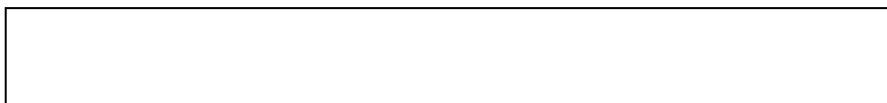
20	10.0	stat	PT.Read.Length	WORD	W#16#0	W#16#0004
21	12.0	stat	PT.Read.PT1	WORD	W#16#0	W#16#0014
22	14.0	stat	PT.Read.PT2	WORD	W#16#0	W#16#0064
23	16.0	stat	PT.Read.PT3	WORD	W#16#0	W#16#0000
24	18.0	stat	PT.Read.PT4	WORD	W#16#0	W#16#0000
25	20.0	stat	PT.Read.PT5	WORD	W#16#0	W#16#0000
26	22.0	stat	PT.Read.PT6	WORD	W#16#0	W#16#0000
27	24.0	stat	PT.Read.PT7	WORD	W#16#0	W#16#0000
28	26.0	stat	PT.Read.PT8	WORD	W#16#0	W#16#0000
29	28.0	stat	PT.Read.PT9	WORD	W#16#0	W#16#0000
30	30.0	stat	PT.Read.PT10	WORD	W#16#0	W#16#0000

	Operand	Symbol	Anzeigeformat	Statuswert	Steuerwert
1	M 13.0	"ParameterEnable"	BOOL	<input checked="" type="checkbox"/> true	true
2	M 13.1	"NormalEnable"	BOOL	<input type="checkbox"/> false	false
3					
4	M 9.0	"Start"	BOOL	<input type="checkbox"/> false	true
5	M 11.0	"Finished"	BOOL	<input checked="" type="checkbox"/> true	
6	M 11.2	"ErrorParam"	BOOL	<input type="checkbox"/> false	
7	MW 14	"ErrorCMD"	HEX	W#16#5441	
8					
9	MB 12	"HeadxNumber"	HEX	B#16#01	
10	M 9.1	"ReadWriteParameter"	BOOL	<input checked="" type="checkbox"/> true	
11					
12	M 9.2	"Power Transmit"	BOOL	<input checked="" type="checkbox"/> true	
13	M 9.3	"TriesAllowed"	BOOL	<input checked="" type="checkbox"/> true	
14	M 9.4	"Channel Dense Reader"	BOOL	<input type="checkbox"/> false	
15	M 9.5	"Protocol Mode"	BOOL	<input checked="" type="checkbox"/> true	
16	M 9.6	"More Information"	BOOL	<input type="checkbox"/> false	
17	M 9.7	"Q-Value"	BOOL	<input type="checkbox"/> false	
18	M 10.0	"Number of Tags"	BOOL	<input checked="" type="checkbox"/> true	
19	M 10.1	"Sensing Mode"	BOOL	<input type="checkbox"/> false	
20	M 10.2	"Memory Bank"	BOOL	<input type="checkbox"/> false	
21	M 10.3	"Measure Reflection"	BOOL	<input type="checkbox"/> false	
22					
23					











```
CALL "IDENTControl" , "InstDB"  
IC_INPUT_Address :=W#16#200  
IC_OUTPUT_Address :=W#16#200  
Length_IN :=64  
Length_OUT :=64  
Timeout :=T#3S  
Head1DataFixcode :="Head1DataFixcode"  
Head1SingleEnhanced:= "Head1SingleEnhanced"  
Head1SpecialCommand:= "Head1SpecialCommand"  
Head1Read := "Head1Read"  
Head1Write := "Head1Write"  
Head1Quit := "Head1Quit"  
QuitErrorHead1 := "QuitErrorHead1"  
IC_Command_on_Head1:= "IC_Command"  
Head1WordNum :=15  
Head1WordAddress :=W#16#0  
Head1TagType :=W#16#3830  
Head1SpecialFixcode:= "Head1SpecialFixcode"  
Head1CacheSize :=10  
Head1SetFilter := "Head1SetFilter"  
Head1FilterON := "Head1FilterON"  
Head1Done := "Head1Done"  
Head1NoDataCarrier := "Head1NoDataCarrier"  
Head1Error := "Head1Error"  
Head1Busy := "Head1Busy"  
Head1Status := "Head1Status"  
Head1ReplyCounter := "Head1ReplyCounter"  
Head1CacheFull := "Head1CacheFull"  
InitFinish := "InitFinish"  
SetRestart := "SetRestart"  
Head1NewData := "Head1NewData"
```




Adresse	Name	Typ	Anfangswert	Kommentar
0.0		STRUCT		
+0.0	TransmissionFinished	STRUCT		
+0.0	NumberTagsInField	DWORD	DW#16#0	Only available for single commands
=4.0		END_STRUCT		
+4.0	Telegram1	"UDT700_Frame"		Telegram #1
+68.0	Telegram2	"UDT700_Frame"		Telegram #2
+132.0	Telegram3	"UDT700_Frame"		Telegram #3
+196.0	Telegram4	"UDT700_Frame"		Telegram #4
+260.0	Telegram5	"UDT700_Frame"		Telegram #5
+324.0	Telegram6	"UDT700_Frame"		Telegram #6
+388.0	Telegram7	"UDT700_Frame"		Telegram #7
+452.0	Telegram8	"UDT700_Frame"		Telegram #8
+516.0	Telegram9	"UDT700_Frame"		Telegram #9
+580.0	Telegram10	"UDT700_Frame"		Telegram #10
+644.0	Telegram11	"UDT700_Frame"		Telegram #11
=708.0		END_STRUCT		

Adresse	Name	Typ	Anfangswert	Kommentar
0.0		STRUCT		
+0.0	Information1	"UDT701_FrameIF"		Additional Information Telegram #1
+6.0	Information2	"UDT701_FrameIF"		Additional Information Telegram #2
+12.0	Information3	"UDT701_FrameIF"		Additional Information Telegram #3
+18.0	Information4	"UDT701_FrameIF"		Additional Information Telegram #4
+24.0	Information5	"UDT701_FrameIF"		Additional Information Telegram #5
+30.0	Information6	"UDT701_FrameIF"		Additional Information Telegram #6
+36.0	Information7	"UDT701_FrameIF"		Additional Information Telegram #7
+42.0	Information8	"UDT701_FrameIF"		Additional Information Telegram #8
+48.0	Information9	"UDT701_FrameIF"		Additional Information Telegram #9
+54.0	Information10	"UDT701_FrameIF"		Additional Information Telegram #10
+60.0	Information11	"UDT701_FrameIF"		Additional Information Telegram #11
=66.0		END_STRUCT		

Adresse	Name	Typ	Anfangswert	Kommentar
0.0		STRUCT		
+0.0	GoneTag1	"UDT702_EPC"		
+64.0	GoneTag2	"UDT702_EPC"		
+128.0	GoneTag3	"UDT702_EPC"		
+192.0	GoneTag4	"UDT702_EPC"		
+256.0	GoneTag5	"UDT702_EPC"		
+320.0	GoneTag6	"UDT702_EPC"		
+384.0	GoneTag7	"UDT702_EPC"		
+448.0	GoneTag8	"UDT702_EPC"		
+512.0	GoneTag9	"UDT702_EPC"		
+576.0	GoneTag10	"UDT702_EPC"		
+640.0	GoneTag11	"UDT702_EPC"		
=704.0		END_STRUCT		

Netzwerk 4 : Configure DB for incoming telegrams

When your DB-Number differs from default enlist here

```
//Channel 1
FB33: L 700
      T "DB33_Multiframe".DBChan1_Multiframe DB33.DBW502
      L 701
      T "DB33_Multiframe".DBChan1_Information DB33.DBW504
      L 703
      T "DB33_Multiframe".DBChan2_Multiframe DB33.DBW508
//Channel 2
      L 710
      T "DB33_Multiframe".DBChan2_Information DB33.DBW510
      L 711
      T "DB33_Multiframe".DBChan2_GoneTag DB33.DBW512
      L 713
      T "DB33_Multiframe".Filternumber DB33.DBW516
```



Netzwerk 5: Configure Filter

```
U    "Head1SetFilter"  
SPBN FIL  
L    1  
T    "DB33_Multiframe".Filternumber  
  
L    1  
T    "DB33_Multiframe".MemoryBank  
  
R    "DB33_Multiframe".Negation  
R    "DB33_Multiframe".LogicOP  
//  R    "DB33_Multiframe".Truncation  
  
L    B#16#40  
T    "DB33_Multiframe".MaskLength  
  
L    DW#16#30001122  
T    "DB33_Multiframe".Head_1.OutData.UserData.DW2  
L    DW#16#33445566  
T    "DB33_Multiframe".Head_1.OutData.UserData.DW3
```







Four empty rectangular boxes stacked vertically, likely for notes or labels.

