Totally Integrated Automation Portal	
Program blocks	

Main [OB1]

Main Properties	Main Properties									
General										
Name	Main	Number	1	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
▼ In put			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Constant			

Network 1: Chạy và dùng mô hình

Network 2: Hoạt động băng tải thùng 1212

```
**MO.0 "Cám biến
"BIT TONG" BT1212"

P_TRIG
CLK Q

**M89.2
"Xung CL I0.1"

**M220.2
"Sung BT1212"

CLK Q

**M89.0
"Dùng BT1212"

CLK Q

**M89.0
"Dùng BT1212"

**M220.2
"Dùng BT1212"

CLK Q

**M89.0
"Xung CX I0.1"
```

Network 3: BT1212

Network 4: Hoạt động băng tải thùng 1512

```
%10.0
%M0.0
"BIT TONG"
                   "Cảm biến
BT1512"
                                                                           %M111.2
                                                                         "Dùng BT1512"
                                    P_TRIG
                                    - CLK Q -
                                                                            —( s )——
                                       %M5.2
                                   "Nhớ trạng thái
xung cạnh lên
IO.1"
                                                                           %M111.2
                                                                         "Dùng BT1512"
                                    N_TRIG
                                                                             -( R )-
                                   CLK Q
                                    %M123.2
"Xung CX I0.0"
```

Network 5: BT1512

Network 6: Hoạt động băng tải xử lý ảnh

Có thể xuất hiện lỗi với khối data, cần test trên mô hình thực tế

```
%M0.0
"BIT TONG"
                      %I0.2
"Cảm biến BTXLA"
                                                                                                  %M113.2
"Dùng BTXLA"
                                                 P_TRIG
                                                                                                       -(s)-
                                                 - CLK
                                                     %M5.4
                                                "Nhớ trạng thái
xung cạnh lên
10.2"
                                                                                                    %M115.6
                                                                                                  "BTC đã nhận
phôi"
                                                                                                       -( R )-
                                                                                                    %M113.2
                                                 N_TRIG
                                                                                                  "Dùng BTXLA"
                                                 - CLK
                                                                                                       -(R)-
                                                %M114.2
"Nhớ trạng thái
xung cạnh
xuống I0.2"
                                                                                                %M119.2
"BTXLA chạy lại"
                                                                                                      -( R )-
                                                     %DB8
"T1"
                                                       TON
                         %M113.2
"Dùng BTXLA"
                                                                                                  %M113.6
"BTXLA dùng"
                                                                                                      \prec \succ
                                                              %MD2
— "Timer1"
                        %l0.3
"Cảm biến cuối
BTXLA"
                                                                                                    %M115.6
                                                                                                  "BTC đã nhận
phôi"
                                                 P_TRIG
                                                 CLK
                                                    %M270.0
                                                 "Xung CL 10.3"
                                                     %DB3
"TON1"
                         %M115.6
"BTC đã nhận
phôi"
                                                      TON
                                                                                                  %M222.2
"BTC chạy lại"
                                                                                                      \prec \succ
                 %FC1
             "Modbus TCP"
- EN
                                    ENO -
```

Network 7: BTXLA

Network 8: Hoạt động băng tải chính

Totally Integrated **Automation Portal %l0.4** "Cảm biến Xilanh1" %M0.0 "BIT TONG" **%Q0.6** "Xi lanh 1" TP Time T#2.7s — PT %MD6 ET — "Timer2" P_TRIG "BTG".TGB[2] L CLK Q **-(** s **)**− "BTG".TGB[1] **%DB9**"T3" **%l0.6** "Cảm biến Xilanh2" TP Time **%Q0.7** "Xi lanh 2" **-()**-T#1s — **PT** %MD8 ET — "Timer3" **%M115.6** "BTC đã nhận phôi" P_TRIG **-(** R **)**--CLK Q **%M390.6**"Tag_3" "BTG".TGB[2] **-(** R **}**---**%I0.5** "Cảm biến nhận phôi" %M115.4 P_TRIG "Dùng BTC" **-(** s **)**--- CLK Q· %M98.2 "Xung CL 10.5" **%M119.2** "BTXLA chạy lại" -(s }----**%M115.4** "Dùng BTC" N_TRIG _(R }___ L CLK Q %M98.0 "Xung CX I0.5" "BTG".TGB[2] "RESET VALUES" ENO -%FC4 "Hiện HMI" "Data" ENO -- EN ENO -**Network 9: BTC** %M0.0 "BIT TONG" **%M115.4** "Dùng BTC" **%Q0.3** "Băng tải chính" **→** %M222.2 "BTC chạy lại" Network 10: LED %Q0.4 "LED" **%M80.0** "LED ON" SR **%M80.2** "LED OFF"

Totally Integrated	
Automation Portal	

TCP config [DB1]

TCP config Properties									
General									
Name	TCP config	Number	1	Туре	DB	Language	DB		
Numbering	Automatic								
Information									
Title		Author		Comment		Family			
Version	0.1	User-defined ID							

ime	Data type	Start value	Retain		able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
Static					,				
Disconnect	Bool	false	False	True	True	True	False		
▼ Read_Write	Array[010] of Int		False	True	True	True	False		
Read_Write[0]	Int	0	False	True	True	True	False		
Read_Write[1]	Int	0	False	True	True	True	False		
Read_Write[2]	Int	0	False	True	True	True	False		
Read_Write[3]	Int	0	False	True	True	True	False		
Read_Write[4]	Int	0	False	True	True	True	False		
Read_Write[5]	Int	0	False	True	True	True	False		
Read_Write[6]	Int	0	False	True	True	True	False		
Read_Write[7]	Int	0	False	True	True	True	False		
Read_Write[8]	Int	0	False	True	True	True	False		
Read_Write[9]	Int	0	False	True	True	True	False		
Read_Write[10]	Int	0	False	True	True	True	False		
▼ connect	TCON_IP_v4		False	True	True	True	False		
InterfaceId	HW_ANY	64	False	True	True	True	False		HW-identifier of IE-interface submodule
ID	CONN_OUC	1	False	True	True	True	False		connection reference / identifier
ConnectionType	Byte	11	False	True	True	True	False		type of connection: 11=TCP/IP, 19=UDP (17=TCP/IP)
Active Established	Bool	false	False	True	True	True	False		active/passive connection establishment
▼ RemoteAddress	IP_V4		False	True	True	True	False		remote IP address (IPv4)
▼ ADDR	Array[14] of Byte		False	True	True	True	False		IPv4 address
AD DR[1]	Byte	16#0	False	True	True	True	False		IPv4 address
ADDR[2]	Byte	16#0	False	True	True	True	False		IPv4 address
ADDR[3]	Byte	16#0	False	True	True	True	False		IPv4 address
ADDR[4]	Byte	16#0	False	True	True	True	False		IPv4 address
RemotePort	UInt	0	False	True	True	True	False		remote UDP/TCP port number
LocalPort	UInt	502	False	True	True	True	False		local UDP/TCP port number
Error	Bool	false	False	True	True	True	True		
status	Word	16#0	False	True	True	True	False		

odbus T	roperties									
neral ne	Modbus TCP	Numl	her	1		Туре	FC	Language	LAD	
nbering	Automatic	Italii		ļ'		Турс	i c	Language	L NO	
ormation e		Auth	or			Comment		Family		
sion	0.1		defined ID			Comment		ı anınıy		
ne		D	ata type		Default value		Comment			
Input										
Output InOut										
Гетр										
Constant										
Return Modbus	ТСР	W	oid oid							
	Cấu hình truyền t				1					
				TCP confia".	- DISCONNECT - MB_HOLD_REG - CONNECT	ERROR → "TCP config" "TCP config" STATUS — status				
work 2:	Chọn loại thùng 1	215								
vork 2:	Chọn loại thùng 1	215								
work 2:	Chọn loại thùng 1	215								
work 2:	Chọn loại thùng 1	215								
work 2:	Chọn loại thùng 1	215								
vork 2:	Chọn loại thùng 1	215								

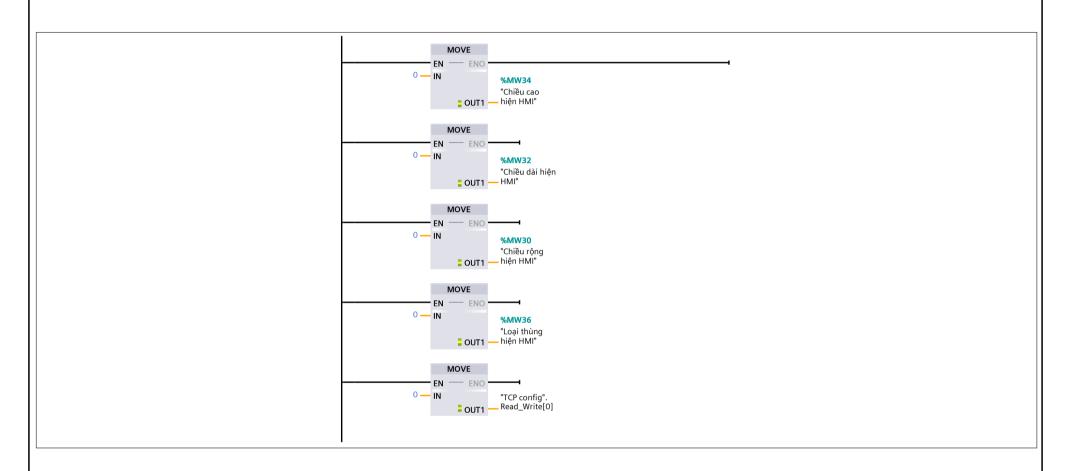
rated	
Automation Portal	

RESET VALUES [FC2]

RESET VALUES Properties									
General									
Name	RESET VALUES	Number	2	Туре	FC	Language	LAD		
Numbering	Automatic								
Information									
Title		Author		Comment		Family			
Version	0.1	User-defined ID							

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

Network 1:



•

Data [FC3]

Data Properties								
General								
Name	Data	Number	3	Туре	FC	Language	LAD	
Numbering	Automatic							
Information								
Title		Author		Comment		Family		
Version	0.1	User-defined ID						

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

Network 1:

Network 1:

```
%MW20
                                                              %MW22
                                                                                                                           %MW22
                                                                             %MW24
                                                                                             %MW20
                                                                                                            %MW24
                                                                            "Chiều cao"
                                             "Chiều rộng"
                                                             "Chiều dài"
                                                                                           "Chiều rộng"
                                                                                                           "Chiều cao"
                                                                                                                           "Chiều dài"
             MOVE
                                                                                             <=
Int
                                               >
Int
                                                                              | >
|nt
                                                                                                             <=
Int
                                                                                                                            <=
Int
             EN - ENO
                  %MW20
 "TCP config".
Read_Write[0] — IN _ OUT1 — "Chiều rộng"
             MOVE
                                             %MW20
"Chiều rộng"
                                                                                                                                          %MW22
"Chiều dài"
                                                                                                                           %MW22
             - EN --- ENO -
                                                                                                                          "Chiều dài"
| > |
| Int
"TCP config".

Read_Write[1] ___ IN __ OUT1 __ "Chiều dài"
                                                                           MOVE
                                               |== |
|Int |
                                                                                                                                            <=
Int
                                                                       0 — IN %MW26
                                                                           OUT1 — "Loại thùng"
            MOVE
"TCP config".

Read_Write[2] IN OUT1 — "Chiều cao"
                                             %MW22
"Chiều dài"
                                               ==
Int
                                              %MW24
                                             "Chiều cao"
                                               == |
Int |
             MOVE
      EN - ENO
      1512 — IN %MW26
             OUT1 ── "Loại thùng"
```

Network 2:

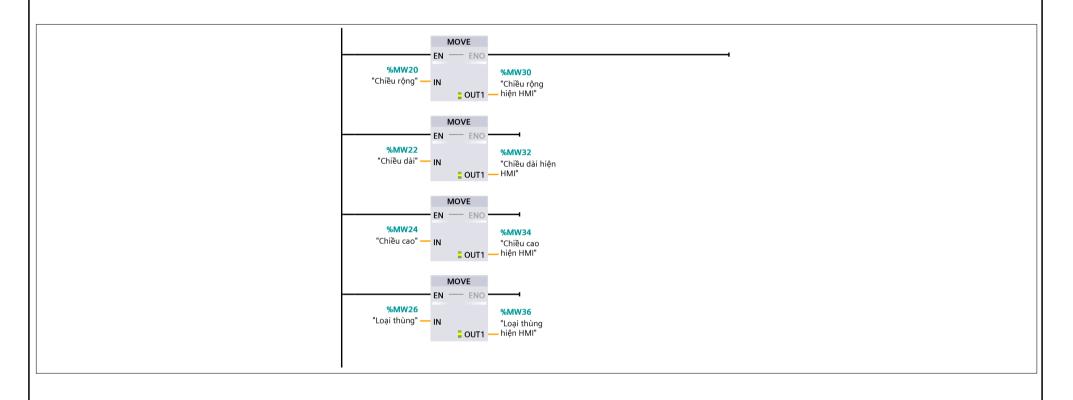
Totally Integrated Automation Portal	

Hiện HMI [FC4]

Hiện HMI Prope	Hiện HMI Properties											
General												
Name	Hiện HMI	Number	4	Type	FC	Language	LAD					
Numbering	Automatic											
Information												
Title		Author		Comment		Family						
Version	0.1	User-defined ID										

Name	Data type	Default value	Comment
In put			
Output			
InOut			
Temp			
Constant			
▼ Return			
Hiện HMI	Void		

Network 1:



gram b m [FC5]										
n Properties										
ral	Alarm	Nu	ımber 5			Туре	FC	Language	LAD	
pering	Automatic									
mation		Au	ıthor			Comment		Family		
	0.1	Us	er-defined ID							
e put			Data type	Defau	ılt value		Comment			
utput										
Out										
onstant										
eturn			\/_*.1							
Alarm			Void							

	a [DB12]											
arm Data Pro eneral	perties											
me Imbering	Alarm Data Automatic	Nu	mber	12		Туре	DI	В		Langua	ge	DB
formation	Automatic											
le rsion	0.1		hor er-defined ID			Comment				Family		
me		Data type	Start val	ue	Retain	Accessible	Writ-	Visible in	Setpoint	Supervi-	Comme	ent
						from	able	HMI engi- neering		sion		
Static		Word	16#0		Falso	Truo	Truo	Truo	Falso			
Alarm 1 Alarm 2		Word Word	16#0		False False	True True	True True		False False			

ted	
ation Portal	
	ı

BTG [DB4]

BTG Properties							
General							
Name	BTG	Number	4	Туре	DB	Language	DB
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

lame	Data type	Start value	Retain		able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ Static									
▼ TGB	Array[020] of Bool		False	True	True	True	False		
TGB[0]	Bool	false	False	True	True	True	False		
TGB[1]	Bool	false	False	True	True	True	False		
TGB[2]	Bool	false	False	True	True	True	False		
TGB[3]	Bool	false	False	True	True	True	False		
TGB[4]	Bool	false	False	True	True	True	False		
TGB[5]	Bool	false	False	True	True	True	False		
TGB[6]	Bool	false	False	True	True	True	False		
TGB[7]	Bool	false	False	True	True	True	False		
TGB[8]	Bool	false	False	True	True	True	False		
TGB[9]	Bool	false	False	True	True	True	False		
TGB[10]	Bool	false	False	True	True	True	False		
TGB[11]	Bool	false	False	True	True	True	False		
TGB[12]	Bool	false	False	True	True	True	False		
TGB[13]	Bool	false	False	True	True	True	False		
TGB[14]	Bool	false	False	True	True	True	False		
TGB[15]	Bool	false	False	True	True	True	False		
TGB[16]	Bool	false	False	True	True	True	False		
TGB[17]	Bool	false	False	True	True	True	False		
TGB[18]	Bool	false	False	True	True	True	False		
TGB[19]	Bool	false	False	True	True	True	False		
TGB[20]	Bool	false	False	True	True	True	False		

Totally Integrated	
Automation Portal	

Program blocks / System blocks / Program resources

MB_SERVER [FB1085]

WID_SERVE	K [1 B 1005]										
MB_SERVER Pro	perties										
General											
Name	MB_SERVER	Numk	er	1085		Туре	FB		Lang	uage	SCL
Numbering	Automatic										
Information											
Title		Autho	or	Simatic		Comment			Fami	ly	MBUS_TCP
Version	4.2	User-	defined ID								
Name		Data type	Default va	lue	Retain		Accessible from HMI/OPC UA/Web API	Writ- able HMI engi- from neering HMI/ OPC UA/ Web		Supervi- sion	Comment

ivallie	Data type	Delauit value	Retain	from HMI/OPC UA/Web API	able	HMI engi- neering	Setponit	sion	Comment
▼ Input									
DISCONNECT	Bool	false	Non-retain	True	True	False	False		Initiates a disconnect operation
Output									
NDR	Bool	false	Non-retain	True	True	False	False		Write data completed with- out error
DR	Bool	false	Non-retain	True	True	False	False		Read data completed with- out error
ERROR	Bool	false	Non-retain	True	True	False	False		Instruction finished with error
STATUS	Word	16#0000	Non-retain	True	True	False	False		Detailed error information
▼ InOut									
MB_HOLD_REG	Variant			False	False	False	False		Reference to the Modbus holding register DB
CONNECT	Variant			False	False	False	False		Reference to the connection parameters
▼ Static									
▼ TCON	TCON			True	True	True	True		Local instance of the instruc- tion TCON
▼ Input									
REQ	Bool	false	Non-retain	True	True	True	False		Function to be executed on rising edge
ID	CONN_OUC	16#0	Non-retain	True	True	True	False		Connection identifier
▼ Output	_								
DONE	Bool	false	Non-retain	True	True	True	False		New data received
BUSY	Bool	false	Non-retain	True	True		False		Function busy
ERROR	Bool	false	Non-retain	True	True		False		Error detected
STATUS	Word	W#16#7000	Non-retain	True	True		False		Function result/error mes- sage
▼ InOut									
CONNECT	Variant			False	False	False	False		Connection description
Static ▼ TSEND	TSEND			True	True	Truc	True		Local instance of the instruc-
▼ Input	ISEND			True	True	True	True		tion TSEND
REQ	Bool	false	Non-retain	True	True	True	False		Function to be executed on
ID	CONN_OUC	16#0	Non-retain	True	True	True	False		rising edge Connection identifier
LEN	UDInt	0	Non-retain	True	True		False		Data length to send
▼ Output	OBINE	0	Worr return	Truc	Truc	Truc	laise		Data length to sena
DONE	Bool	false	Non-retain	True	True	True	False		Send performed
BUSY	Bool	false	Non-retain	True	True		False		Function busy
ERROR	Bool	false	Non-retain	True	True		False		Error detected
STATUS	Word	W#16#7000	Non-retain	True	True		False		Function result/error mes-
▼ InOut	Word	VV# 10#7000	Non-retain	Tiue	True	True	laise		sage
	Variant			Falso	Ealco	Ealco	False		Pointer on data area to cond
DATA	Variant			False	False				Pointer on data area to send
ADDR	Variant			False	False	False	False		Pointer on address of receiver
Static ▼ TRCV	TRCV			True	True	True	True		Local instance of the instruction TRCV
▼ Input									
EN_R	Bool	false	Non-retain	True	True	True	False		EN_R=1: function enabled
ID	CONN_OUC	16#0	Non-retain	True	True	True	False		Connection identifier
LEN	UDInt	0	Non-retain	True	True	True	False		Data length to receive
ADHOC	Bool	false	Non-retain	True	True	True	False		Request adhoc mode
▼ Output	Doct	falso	Non	Ти	T~··	Truca	False		Now data restinat
NDR	Bool	false	Non-retain	True	True				New data received
BUSY	Bool	false	Non-retain	True	True		False		Function busy
ERROR	Bool	false	Non-retain	True	True	irue	False		Error detected

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
STATUS	Word	W#16#7000	Non-retain	True	True	True	False		Function result/error mes- sage
RCVD_LEN	UDInt	0	Non-retain	True	True	True	False		Length of received data
▼ InOut									
DATA	Variant			False	False		False		Buffer for received data
ADDR Static	Variant			False	False	False	False		Address of sender
▼ TDIAG	T_DIAG			True	True	True	True		Local instance of the instruc- tion T_DIAG
▼ Input									
REQ	Bool	false	Non-retain	True	True		False		Function to be executed on rising edge
ID	CONN_OUC	16#0	Non-retain	True	True	True	False		Connection identifier
▼ Output	Pool	false	Non vot-!:-	Trus	Tv···	Truc	Ealea		Eunetian acreal-t-d
DONE BUSY	Bool Bool	false false	Non-retain Non-retain	True True	True True		False False		Function completed Function busy
ERROR	Bool	false	Non-retain	True	True		False		Error detected
STATUS	Word	16#0	Non-retain	True	True		False		Function result/error mes-
▼ InOut									sage
RESULT	Variant			False	False	False	False		Diagnostics information
Static									
▼ TRESET	T_RESET			True	True	True	True		Local instance of the instruction T_RESET
▼ Input				_	_	_			
REQ	Bool	false	Non-retain	True	True	True	False		Function to be executed on rising edge
ID	CONN_OUC	16#0	Non-retain	True	True	True	False		Connection identifier
▼ Output									
DONE	Bool	false	Non-retain	True	True	True	False		Function performed
BUSY	Bool	false	Non-retain	True	True	True	False		Function busy
ERROR	Bool	false	Non-retain	True	True		False		Error detected
STATUS	Word	16#0	Non-retain	True	True	True	False		Function result/error mes- sage
InOut Static									
▼ TDISCON	TDISCON			True	True	True	True		Local instance of the instruction TDISCON
▼ Input									
REQ	Bool	False	Non-retain	True	True		False		Function to be executed on rising edge
ID .	CONN_OUC	W#16#0	Non-retain	True	True	True	False		Connection identifier
▼ Output									
DONE	Bool	False	Non-retain	True	True		False		Function performed
BUSY	Bool	False	Non-retain	True	True		False		Function busy
ERROR STATUS	Bool Word	False W#16#7000	Non-retain Non-retain	True True	True True		False False		Error detected Function result/error message
InOut									
Static									
▼ TDIAG_Status	TDiag_Status		Non-retain	True	True		True		TDiag_Status structure
InterfaceId	HW_ANY	0	Non-retain	True	True		False		HW-identifier of IE-interface submodule connection reference / iden-
ID	CONN_OUC	16#0	Non-retain	True	True	irue	False		tifier of monitored connection
ConnectionType	Byte	16#00	Non-retain	True	True		False		type of monitored connetion
Active Established	Bool	false	Non-retain	True	True	True	False		active/passive connection establishment
State	Byte	16#00	Non-retain	True	True	True	False		state of monitored connection
Kind	Byte	16#00	Non-retain	True	True	True	False		kind of monitored connection
SentBytes	UDInt	16#00	Non-retain	True	True	True	False		bytes sent via monitored connection
ReceivedBytes	UDInt	16#00	Non-retain	True	True		False		bytes received on monitored connection
HR Start Offset	Word	16#0	Non-retain	True	True	True	False		Specifies the starting ad-

16#0

16#0

Non-retain

Set in IDB

True

True

True True

True True

False

False

Word

Word

HR_Start_Offset

QB_Start

Specifies the starting address of the Modbus Holding register
Starting address of the output bytes that are allowed to be accessed (QB0 to QB65535)

Totally Integrated	
Automation Portal	

ne	Data type	Default value	Retain	from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
QB_Count	Word	16#FFFF	Set in IDB	True	True	True	False		Number of bytes access by the Modbus Client. I QB_Count = 0, outputs
Success_Count	Word	16#0	Non-retain	True	True	True	False		not accessible Number of requests red for this specific server t
Request_Count	Word	16#0	Non-retain	True	True	True	False		have no protocol errors Number of all requests
Xmt_Rcv_Count	Word	16#0	Non-retain	True	True	True	False		ceived by this server Number of transmissio receptions that have en
Server_Message_Count	Word	16#0	Non-retain	True	True	True	False		countered an error Number of requests re-
Exception_Count	Word	16#0	Non-retain	True	True	True	False		for this specific server Number of Modbus spe errors that require a re
Connected	Bool	false	Non-retain	True	True	Truo	False		turned exception MB Server connection
Connection_ID	Word	16#0	Non-retain	True		False	False		For internal use only
MB_State	Word	16#0	Non-retain	True	True		False		Internal status of the M
▼ TEMP_DATA	Array[0262] of	:	Set in IDB	True	True	False	False		bus server operation For internal use only
	Byte	1.5110		_	_				
TEMP_DATA[0]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True	False False	False False		For internal use only For internal use only
TEMP_DATA[1] TEMP_DATA[2]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[3]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[4]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[5]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[6] TEMP_DATA[7]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[7]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[9]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[10]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[11]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[12]	Byte	16#0 16#0	Set in IDB Set in IDB	True True		False False	False False		For internal use only For internal use only
TEMP_DATA[13] TEMP_DATA[14]	Byte Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[15]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[16]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[17]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[18]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[19] TEMP_DATA[20]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True		False False	False False		For internal use only For internal use only
TEMP_DATA[21]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[22]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[23]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[24]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[25]	Byte	16#0 16#0	Set in IDB	True True	True	False	False False		For internal use only
TEMP_DATA[26] TEMP_DATA[27]	Byte Byte	16#0	Set in IDB Set in IDB	True		False	False		For internal use only For internal use only
TEMP_DATA[28]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[29]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[30]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[31]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[32] TEMP_DATA[33]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True		False False	False False		For internal use only For internal use only
TEMP_DATA[33]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[35]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[36]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[37]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[38]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[39] TEMP_DATA[40]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True	False False	False False		For internal use only For internal use only
TEMP_DATA[41]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[42]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[43]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[44]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[45]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[46] TEMP_DATA[47]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True		False False	False False		For internal use only For internal use only
TEMP_DATA[47]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[49]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[50]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[51]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[52]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only

me		Data type	Default value	Retain	HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
TEMP_DATA[!	53]	Byte	16#0	Set in IDB		API True	False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[55]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[66]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[57]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[[8]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[59]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6	50]	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB			False	False		For internal use only
TEMP_DATA[6		Byte	16#0 16#0	Set in IDB Set in IDB	True	True	False False	False False		For internal use only
TEMP_DATA[6		Byte	16#0	Set in IDB	True		False	False		For internal use only For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True True		False	False		For internal use only
TEMP_DATA[7 TEMP_DATA[7		Byte Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[7		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8	_	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8	_	Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[8		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[9		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[9		Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9		Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	93]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	94]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	95]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	96]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	97]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9	98]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[9		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[1		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[1		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB				False		For internal use only
TEMP_DATA[Byte	16#0 16#0	Set in IDB	True	True	False False	False False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB Set in IDB	True True		False	False		For internal use only For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte Byte	16#0	Set in IDB			False	False		For internal use only
TEMP_DATA[´ TEMP_DATA[´		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True		False	False		For internal use only
		Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[-	16#0	Set in IDB			False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True True		False	False		For internal use only
TEMP_DATA[´ TEMP_DATA[´		Byte	16#0	Set in IDB	True		False	False		For internal use only
		Byte Byte	16#0	Set in IDB	True		False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB			False	False		For internal use only
TEMP_DATA[Byte	16#0	Set in IDB	True True		False	False		For internal use only
TEMP_DATA[´ TEMP_DATA[´		Byte	16#0	Set in IDB	True		False	False		For internal use only
I FIVIE DATAL	[دے	Byte	10π0	שבו ווו וחם	iiue	iiue	ו מואכ	ו מואכ		i or internal use offly

Totally Integrated	
Automation Portal	

TEMP_DATA[126] TEMP_DATA[127] TEMP_DATA[128] TEMP_DATA[129] TEMP_DATA[130] TEMP_DATA[131] TEMP_DATA[132] TEMP_DATA[133]	Byte Byte			API	OPC UA/ Web			
TEMP_DATA[128] TEMP_DATA[129] TEMP_DATA[130] TEMP_DATA[131] TEMP_DATA[132] TEMP_DATA[133]	Byte	16#0	Set in IDB	True	API True	False	False	For internal use only
TEMP_DATA[129] TEMP_DATA[130] TEMP_DATA[131] TEMP_DATA[132] TEMP_DATA[133]	,	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[130] TEMP_DATA[131] TEMP_DATA[132] TEMP_DATA[133]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[131] TEMP_DATA[132] TEMP_DATA[133]	Byte	16#0	Set in IDB	True			False	For internal use only
TEMP_DATA[132] TEMP_DATA[133]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[133]	Byte	16#0	Set in IDB	True	_	False	False	For internal use only
	Byte	16#0	Set in IDB	True		False	False	For internal use only
	Byte	16#0	Set in IDB Set in IDB	True		False False	False	For internal use only
TEMP_DATA[134] TEMP_DATA[135]	Byte Byte	16#0 16#0	Set in IDB	True True		False	False False	For internal use only For internal use only
TEMP_DATA[136]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[137]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[138]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[139]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[140]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[141]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[142]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[143]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[144]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[145]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[146]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[147]	Byte	16#0	Set in IDB	True			False	For internal use only
TEMP_DATA[148]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[149]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[150]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[151]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[152]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[153]	Byte	16#0 16#0	Set in IDB Set in IDB	True True		False False	False False	For internal use only For internal use only
TEMP_DATA[154] TEMP_DATA[155]	Byte Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[156]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[157]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[158]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[159]	Byte	16#0	Set in IDB	True	_	False	False	For internal use only
TEMP_DATA[160]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[161]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[162]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[163]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[164]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[165]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[166]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[167]	Byte	16#0	Set in IDB	True	_	False	False	For internal use only
TEMP_DATA[168]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[169]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[170]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[171]	Byte	16#0 16#0	Set in IDB Set in IDB	True		False False	False False	For internal use only
TEMP_DATA[172] TEMP_DATA[173]	Byte Byte	16#0	Set in IDB	True True		False	False	For internal use only For internal use only
TEMP_DATA[173] TEMP_DATA[174]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[174]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[176]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[177]	Byte	16#0	Set in IDB	True	_	False	False	For internal use only
TEMP_DATA[178]	Byte	16#0	Set in IDB	True	_	False	False	For internal use only
TEMP_DATA[179]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[180]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[181]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[182]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[183]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[184]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[185]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[186]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[187]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[188]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[189]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[190]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[191]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[192]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[193]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[194]	Byte	16#0 16#0	Set in IDB Set in IDB	True		False False	False False	For internal use only For internal use only
TEMP_DATA[195] TEMP_DATA[196]	Byte Byte	16#0	Set in IDB	True True		False	False	For internal use only
TEMP_DATA[196] TEMP_DATA[197]	Byte	16#0	Set in IDB	True		False	False	For internal use only
TEMP_DATA[197] TEMP_DATA[198]	Byte	16#0	Set in IDB	True		False	False	For internal use only

Automation Portal									
ne	Data type	Default value	Retain	Accessible	Writ-	Visible in	Setpoint	Supervi-	Comment
				from HMI/OPC UA/Web API	able	HMI engi- neering		sion	
TEMP_DATA[199]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[200]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[201]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[202]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[203] TEMP_DATA[204]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[205]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[206]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[207]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[208]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[209]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[210]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[211] TEMP_DATA[212]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[212]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[214]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[215]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[216]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[217]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[218]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[219]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[220] TEMP_DATA[221]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[221]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[223]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[224]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[225]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[226]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[227]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[228]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[229] TEMP_DATA[230]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True	False	False False		For internal use only For internal use only
TEMP_DATA[230]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[232]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[233]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[234]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[235]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[236]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[237]	Byte	16#0 16#0	Set in IDB Set in IDB	True	True True		False False		For internal use only For internal use only
TEMP_DATA[238] TEMP_DATA[239]	Byte Byte	16#0	Set in IDB	True True	True		False		For internal use only
TEMP_DATA[240]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[241]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[242]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[243]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[244]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[245]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[246] TEMP_DATA[247]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[247] TEMP_DATA[248]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[249]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[250]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[251]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[252]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[253]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[254] TEMP_DATA[255]	Byte Byte	16#0 16#0	Set in IDB Set in IDB	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[255] TEMP_DATA[256]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[250]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[258]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[259]	Byte	16#0	Set in IDB	True	True	False	False		For internal use only
TEMP_DATA[260]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[261]	Byte	16#0	Set in IDB	True	True		False		For internal use only
TEMP_DATA[262] FCx_ErrResp	Byte TCP_MB_FCx_E rResp	16#0	Set in IDB Set in IDB	True False	True False		False True		For internal use only For internal use only
Transaction_ID	Word		Set in IDB	False	False	False	False		
Protocol_ID	Word		Set in IDB	False	False		False		
· -	Word	+	Set in IDB					+	1

TEIVIP_DATA[237]	Бусе	10#0	Set III IDB	True	Hue	1 0136	i dise	i or internal use only
TEMP_DATA[238]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[239]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[240]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[241]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[242]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[243]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[244]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[245]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[246]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[247]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[248]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[249]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[250]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[251]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[252]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[253]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[254]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[255]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[256]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[257]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[258]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[259]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[260]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[261]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
TEMP_DATA[262]	Byte	16#0	Set in IDB	True	True	False	False	For internal use only
FCx_ErrResp	TCP_MB_FCx_Er rResp		Set in IDB	False	False	False	True	For internal use only
Transaction_ID	Word		Set in IDB	False	False	False	False	
Protocol_ID	Word		Set in IDB	False	False	False	False	
Length	Word		Set in IDB	False	False	False	False	
Unit_ID	Byte		Set in IDB	False	False	False	False	
		†	Set in IDB	False	False	False	False	
FCode	Byte		set iii ibb	. u.sc				+
FCode ECode	Byte Byte		Set in IDB	False	False	False	False	

	Data type	Default value	Retain		\A/:+	Visible in	l	-	
	рата туре	Delauit Value	PATAIN	A 'I'		WICINIA IN	Coto	C	Comment
			Retaill	from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
Transaction_ID	Word		Set in IDB	False	False	False	False		
Protocol_ID	Word		Set in IDB	False	False	False	False		
Length	Word		Set in IDB	False		False	False		
Unit_ID	Byte		Set in IDB	False		False	False		
FCode SubFunction	Byte Word		Set in IDB Set in IDB	False False		False False	False False		
Data	Word		Set in IDB	False		False	False		
C23_Req	TCP_MB_FC23_ Req		Set in IDB	False	False	False	True		For internal use only
Transaction_ID	Word		Set in IDB	False	False	False	False		
Protocol_ID	Word		Set in IDB	False	False	False	False		
Length	Word		Set in IDB	False		False	False		
Unit_ID	Byte		Set in IDB	False		False	False		
FCode ReadStartAddr	Byte Word		Set in IDB Set in IDB	False False		False False	False False		
ReadQuantity	Word		Set in IDB	False		False	False		
WriteStartAddr	Word		Set in IDB	False		False	False		
WriteQuantity	Word		Set in IDB	False	False		False		
ByteCount	Byte		Set in IDB	False		False	False		
Value ▼ Value1	Byte Array[0242] o	f	Set in IDB Set in IDB	False False		False False	False False		
value I	Byte	<u> </u>		i dise			i uise		
Value1[0]	Byte		Set in IDB	False		False	False		
Value1[1]	Byte		Set in IDB	False		False	False		
Value1[2] Value1[3]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value1[4]	Byte		Set in IDB	False		False	False		
Value1[5]	Byte		Set in IDB	False		False	False		
Value1[6]	Byte		Set in IDB	False	False	False	False		
Value1[7]	Byte		Set in IDB	False	False		False		
Value1[8]	Byte		Set in IDB	False		False	False		
Value1[9] Value1[10]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value1[11]	Byte		Set in IDB	False		False	False		
Value1[12]	Byte		Set in IDB	False	False	False	False		
Value1[13]	Byte		Set in IDB	False		False	False		
Value1[14]	Byte		Set in IDB	False		False	False		
Value1[15] Value1[16]	Byte Byte		Set in IDB Set in IDB	False False	False	False	False False		
Value1[17]	Byte		Set in IDB	False		False	False		
Value1[18]	Byte		Set in IDB	False	False	False	False		
Value1[19]	Byte		Set in IDB	False		False	False		
Value1[20]	Byte		Set in IDB	False		False	False		
Value1[21] Value1[22]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value1[23]	Byte		Set in IDB	False		False	False		
Value1[24]	Byte		Set in IDB	False		False	False		
Value1[25]	Byte		Set in IDB	False	False		False		
Value1[26]	Byte		Set in IDB	False		False	False		
Value1[27] Value1[28]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value 1[28]	Byte		Set in IDB	False		False	False		
Value1[30]	Byte		Set in IDB	False		False	False		
Value1[31]	Byte		Set in IDB	False		False	False		
Value1[32]	Byte		Set in IDB	False		False	False		
Value1[33]	Byte		Set in IDB Set in IDB	False False		False False	False False		
Value1[34] Value1[35]	Byte Byte		Set in IDB	False		False	False		
Value1[36]	Byte		Set in IDB	False		False	False		
Value1[37]	Byte		Set in IDB	False		False	False		
Value1[38]	Byte		Set in IDB	False		False	False		
Value1[39]	Byte		Set in IDB	False		False	False		
Value1[40] Value1[41]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value1[41]	Byte		Set in IDB	False		False	False		
Value1[43]	Byte		Set in IDB	False	False		False		
Value1[44]	Byte		Set in IDB	False	False	False	False		
Value1[45]	Byte		Set in IDB	False		False	False		
Value1[46]	Byte		Set in IDB	False		False	False		
Value1[47] Value1[48]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Value 1 [48]	Byte		Set in IDB	False		False	False		
Value1[50]	Byte		Set in IDB	False		False	False		

Set in IDB

False

False

False False

False False

False

False

Value1[50]

Value1[51]

Byte

Byte

	Data type	Default value	Retain	Accessible	Writ- Visible in	Satnaint	Supervi-	Comment
	Бата туре	Default value	netaiii	from HMI/OPC UA/Web API	able HMI engi- from neering HMI/ OPC		sion	Comment
					UA/ Web			
Value1[52]	Byte		Set in IDB	False	API False False	False		
Value1[53]	Byte		Set in IDB	False	False False	False		
Value1[54]	Byte		Set in IDB	False	False False	False		
Value1[55] Value1[56]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[57]	Byte		Set in IDB	False	False False	False		
Value1[58]	Byte		Set in IDB	False	False False	False		
Value1[59]	Byte		Set in IDB	False	False False	False		
Value1[60] Value1[61]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[62]	Byte		Set in IDB	False	False False	False		
Value1[63]	Byte		Set in IDB	False	False False	False		
Value1[64]	Byte		Set in IDB	False	False False	False		
Value1[65] Value1[66]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[67]	Byte		Set in IDB	False	False False	False		
Value1[68]	Byte		Set in IDB	False	False False	False		
Value1[69]	Byte		Set in IDB	False	False False	False		
Value1[70] Value1[71]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[72]	Byte		Set in IDB	False	False False	False		
Value1[73]	Byte		Set in IDB	False	False False	False		
Value1[74] Value1[75]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[75] Value1[76]	Byte		Set in IDB	False	False False	False		
Value1[77]	Byte		Set in IDB	False	False False	False		
Value1[78]	Byte		Set in IDB	False	False False	False		
Value1[79] Value1[80]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[81]	Byte		Set in IDB	False	False False	False		
Value1[82]	Byte		Set in IDB	False	False False	False		
Value1[83]	Byte		Set in IDB	False	False False	False		
Value1[84] Value1[85]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[86]	Byte		Set in IDB	False	False False	False		
Value1[87]	Byte		Set in IDB	False	False False	False		
Value1[88] Value1[89]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[90]	Byte		Set in IDB	False	False False	False		
Value1[91]	Byte		Set in IDB	False	False False	False		
Value1[92]	Byte		Set in IDB	False	False False	False		
Value1[93] Value1[94]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[95]	Byte		Set in IDB	False	False False	False		
Value1[96]	Byte		Set in IDB	False	False False	False		
Value1[97]	Byte		Set in IDB	False	False False	False		
Value1[98] Value1[99]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[100]	Byte		Set in IDB	False	False False	False		
Value1[101]	Byte		Set in IDB	False	False False	False		
Value1[102]	Byte		Set in IDB	False	False False	False		
Value1[103] Value1[104]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[105]	Byte		Set in IDB	False	False False	False		
Value1[106]	Byte		Set in IDB	False	False False	False		
Value1[107]	Byte		Set in IDB	False	False False	False		
Value1[108] Value1[109]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[110]	Byte		Set in IDB	False	False False	False		
Value1[111]	Byte		Set in IDB	False	False False	False		
Value1[112] Value1[113]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value 1 [1 1 3] Value 1 [1 1 4]	Byte		Set in IDB	False	False False	False		
Value1[115]	Byte		Set in IDB	False	False False	False		
Value1[116]	Byte		Set in IDB	False	False False	False		
Value1[117] Value1[118]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[119]	Byte		Set in IDB	False	False False	False		
Value1[120]	Byte		Set in IDB	False	False False	False		
Value1[121]	Byte		Set in IDB	False	False False	False		
Value1[122]	Byte		Set in IDB	False	False False	False		
Value1[123] Value1[124]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		

False False

Value1[124]

Byte

mation Portal								
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ- Visible in able HMI engi- from neering HMI/ OPC UA/ Web		Supervi- sion	Comment
V-I1[12F]	Dist		Set in IDB	False	API False False	False		
Value1[125] Value1[126]	Byte Byte		Set in IDB	False	False False	False		
Value1[127]	Byte		Set in IDB	False	False False	False		
Value1[128]	Byte		Set in IDB	False	False False	False		
Value1[129]	Byte		Set in IDB	False	False False	False		
Value1[130] Value1[131]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[131]	Byte		Set in IDB	False	False False	False		
Value1[133]	Byte		Set in IDB	False	False False	False		
Value1[134]	Byte		Set in IDB	False	False False	False		
Value1[135]	Byte		Set in IDB	False	False False	False		
Value1[136]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[137] Value1[138]	Byte		Set in IDB	False	False False	False		
Value1[139]	Byte		Set in IDB	False	False False	False		
Value1[140]	Byte		Set in IDB	False	False False	False		
Value1[141]	Byte		Set in IDB	False	False False	False		
Value1[142]	Byte		Set in IDB	False	False False	False		
Value1[143] Value1[144]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[145]	Byte		Set in IDB	False	False False	False		
Value1[146]	Byte		Set in IDB	False	False False	False		
Value1[147]	Byte		Set in IDB	False	False False	False		
Value1[148]	Byte		Set in IDB	False	False False	False		
Value1[149] Value1[150]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[151]	Byte		Set in IDB	False	False False	False		
Value1[152]	Byte		Set in IDB	False	False False	False		
Value1[153]	Byte		Set in IDB	False	False False	False		
Value1[154]	Byte		Set in IDB	False	False False	False		
Value1[155]	Byte		Set in IDB	False	False False	False		
Value1[156] Value1[157]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[158]	Byte		Set in IDB	False	False False	False		
Value1[159]	Byte		Set in IDB	False	False False	False		
Value1[160]	Byte		Set in IDB	False	False False	False		
Value1[161]	Byte		Set in IDB	False	False False	False		
Value1[162] Value1[163]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[164]	Byte		Set in IDB	False	False False	False		
Value1[165]	Byte		Set in IDB	False	False False	False		
Value1[166]	Byte		Set in IDB	False	False False	False		
Value1[167]	Byte		Set in IDB Set in IDB	False	False False False False	False False		
Value1[168] Value1[169]	Byte Byte		Set in IDB	False False	False False	False		
Value1[170]	Byte		Set in IDB	False	False False	False		
Value1[171]	Byte		Set in IDB	False	False False	False		
Value1[172]	Byte		Set in IDB	False	False False	False		
Value1[173] Value1[174]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value 1[174] Value 1[175]	Byte		Set in IDB	False	False False	False		
Value1[176]	Byte		Set in IDB	False	False False	False		
Value1[177]	Byte		Set in IDB	False	False False	False		
Value1[178]	Byte		Set in IDB	False	False False	False		
Value1[179]	Byte		Set in IDB	False	False False	False		
Value1[180] Value1[181]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[182]	Byte		Set in IDB	False	False False	False		
Value1[183]	Byte		Set in IDB	False	False False	False		
Value1[184]	Byte		Set in IDB	False	False False	False		
Value1[185]	Byte		Set in IDB	False	False False	False		
Value1[186] Value1[187]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[188]	Byte		Set in IDB	False	False False	False		
Value1[189]	Byte		Set in IDB	False	False False	False		
Value1[190]	Byte		Set in IDB	False	False False	False		
Value1[191]	Byte		Set in IDB	False	False False	False		
Value1[192]	Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[193] Value1[194]	Byte Byte		Set in IDB	False	False False False False	False		
. 4.45 [[77]	Byte		Set in IDB	False	False False	False		
Value1[195]	Dyte							

Set in IDB

Value1[197]

Byte

False False

False

False

omation Porto								
omation Portal								
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ- Visible able HMI er from neerin HMI/ OPC UA/ Web API	gi-	Supervi- sion	Comment
Value1[198]	Byte		Set in IDB	False	False False	False		
Value1[199]	Byte		Set in IDB	False	False False	False		
Value1[200]	Byte		Set in IDB	False	False False	False		
Value1[201]	Byte		Set in IDB	False	False False	False		
Value1[202]	Byte		Set in IDB	False	False False	False		
Value1[203]	Byte		Set in IDB	False	False False	False		
Value1[204]	Byte		Set in IDB	False	False False	False		
Value1[205]	Byte		Set in IDB Set in IDB	False	False False False False	False False		
Value1[206] Value1[207]	Byte Byte		Set in IDB	False False	False False	False		
Value1[207] Value1[208]	Byte		Set in IDB	False	False False	False		
Value1[209]	Byte		Set in IDB	False	False False	False		
Value1[210]	Byte		Set in IDB	False	False False	False		
Value1[211]	Byte		Set in IDB	False	False False	False		
Value1[212]	Byte		Set in IDB	False	False False	False		
Value1[213]	Byte		Set in IDB	False	False False	False		
Value1[214]	Byte		Set in IDB	False	False False	False		
Value1[215]	Byte		Set in IDB	False	False False	False		
Value1[216]	Byte		Set in IDB	False	False False	False		
Value1[217]	Byte		Set in IDB	False	False False	False		
Value1[218]	Byte		Set in IDB	False	False False	False		
Value1[219]	Byte		Set in IDB	False	False False	False		
Value1[220]	Byte		Set in IDB	False	False False	False		
Value1[221]	Byte		Set in IDB	False	False False	False		
Value1[222]	Byte		Set in IDB	False	False False	False		
Value1[223]	Byte		Set in IDB	False	False False	False		
Value1[224]	Byte		Set in IDB	False	False False	False		
Value1[225]	Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Value1[226] Value1[227]	Byte Byte		Set in IDB	False	False False	False		
Value1[227] Value1[228]	Byte		Set in IDB	False	False False	False		
Value1[229]	Byte		Set in IDB	False	False False	False		
Value1[230]	Byte		Set in IDB	False	False False	False		
Value1[231]	Byte		Set in IDB	False	False False	False		
Value1[232]	Byte		Set in IDB	False	False False	False		
Value1[233]	Byte		Set in IDB	False	False False	False		
Value1[234]	Byte		Set in IDB	False	False False	False		
Value1[235]	Byte		Set in IDB	False	False False	False		
Value1[236]	Byte		Set in IDB	False	False False	False		
Value1[237]	Byte		Set in IDB	False	False False	False		
Value1[238]	Byte		Set in IDB	False	False False	False		
Value1[239]	Byte		Set in IDB	False	False False	False		
Value1[240]	Byte		Set in IDB	False	False False	False		
Value1[241]	Byte		Set in IDB	False	False False	False		
Value1[242]	Byte		Set in IDB	False	False False	False		For internal
FC11_Req	TCP_MB_FC11_ Req		Set in IDB	False	False False	True		For internal use only
Transaction_ID	Word		Set in IDB	False	False False	False		
Protocol_ID	Word		Set in IDB	False	False False	False		
Length	Word		Set in IDB	False	False False	False		
Unit_ID	Byte		Set in IDB	False	False False	False		
FCode	Byte		Set in IDB	False	False False	False		
Status	Word		Set in IDB	False	False False	False		
EventCount	Word		Set in IDB	False	False False	False		
FC15_16_Req Transaction_ID	TCP_MB_FC15_ 16_Req Word		Set in IDB	False False	False False False False	True False		For internal use only
Protocol_ID	Word		Set in IDB	False	False False	False		
Length	Word		Set in IDB	False	False False	False		
Unit_ID	Byte		Set in IDB	False	False False	False		
FCode	Byte		Set in IDB	False	False False	False		
StartAddr	Word		Set in IDB	False	False False	False		
Quantity	Word		Set in IDB	False	False False	False		
ByteCount	Byte		Set in IDB	False	False False	False		
Value1	Byte		Set in IDB	False	False False	False		
▼ Values	Array[0244] of Byte	f	Set in IDB	False	False False	False		
Values[0]	Byte		Set in IDB	False	False False	False		
Values[1]	Byte		Set in IDB	False	False False	False		
Values[2]	Byte		Set in IDB	False	False False	False		

Set in IDB

Set in IDB

Set in IDB

False False

False False

False False

False False

False

False

False

False

False

False

False

False

Values[3]

Values[4]

Values[5]

Values[6]

Byte

Byte

Byte

Byte

omation Portal								
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ- Visible in able HMI engifrom neering HMI/ OPC UA/ Web		Supervi- sion	Comment
\/alives[7]	Duto		Set in IDB	False	API False False	False		
Values[7] Values[8]	Byte Byte		Set in IDB	False	False False	False		
Values[9]	Byte		Set in IDB	False	False False	False		
Values[10]	Byte		Set in IDB	False	False False	False		
Values[11]	Byte		Set in IDB	False	False False	False		
Values[12] Values[13]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[13] Values[14]	Byte		Set in IDB	False	False False	False		
Values[15]	Byte		Set in IDB	False	False False	False		
Values[16]	Byte		Set in IDB	False	False False	False		
Values[17]	Byte		Set in IDB	False	False False	False		
Values[18]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[19] Values[20]	Byte		Set in IDB	False	False False	False		
Values[20] Values[21]	Byte		Set in IDB	False	False False	False		
Values[22]	Byte		Set in IDB	False	False False	False		
Values[23]	Byte		Set in IDB	False	False False	False		
Values[24]	Byte		Set in IDB	False	False False	False		
Values[25] Values[26]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[26] Values[27]	Byte		Set in IDB	False	False False	False		
Values[28]	Byte		Set in IDB	False	False False	False		
Values[29]	Byte		Set in IDB	False	False False	False		
Values[30]	Byte		Set in IDB	False	False False	False		
Values[31]	Byte		Set in IDB	False	False False	False		
Values[32] Values[33]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[34]	Byte		Set in IDB	False	False False	False		
Values[35]	Byte		Set in IDB	False	False False	False		
Values[36]	Byte		Set in IDB	False	False False	False		
Values[37]	Byte		Set in IDB	False	False False	False		
Values[38]	Byte		Set in IDB	False	False False False False	False False		
Values[39] Values[40]	Byte Byte		Set in IDB Set in IDB	False False	False False	False		
Values[41]	Byte		Set in IDB	False	False False	False		
Values[42]	Byte		Set in IDB	False	False False	False		
Values[43]	Byte		Set in IDB	False	False False	False		
Values[44]	Byte		Set in IDB	False	False False	False		
Values[45] Values[46]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[47]	Byte		Set in IDB	False	False False	False		
Values[48]	Byte		Set in IDB	False	False False	False		
Values[49]	Byte		Set in IDB	False	False False	False		
Values[50]	Byte		Set in IDB	False	False False	False		
Values[51]	Byte		Set in IDB	False	False False	False		
Values[52] Values[53]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[53] Values[54]	Byte		Set in IDB	False	False False	False		
Values[55]	Byte		Set in IDB	False	False False	False		
Values[56]	Byte		Set in IDB	False	False False	False		
Values[57]	Byte		Set in IDB	False	False False	False		
Values[58] Values[59]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[60]	Byte		Set in IDB	False	False False	False		
Values[61]	Byte		Set in IDB	False	False False	False		
Values[62]	Byte		Set in IDB	False	False False	False		
Values[63]	Byte		Set in IDB	False	False False	False		
Values[64]	Byte		Set in IDB	False	False False	False		
Values[65] Values[66]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[67]	Byte		Set in IDB	False	False False	False		
Values[68]	Byte		Set in IDB	False	False False	False		
Values[69]	Byte		Set in IDB	False	False False	False		
Values[70]	Byte		Set in IDB	False	False False	False		
Values[71] Values[72]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[72] Values[73]	Byte		Set in IDB	False	False False	False		
Values[74]	Byte		Set in IDB	False	False False	False		
Values[75]	Byte		Set in IDB	False	False False	False		
Values[76]	Byte		Set in IDB	False	False False	False		
Values[77]	Byte		Set in IDB	False	False False	False		
Values[78] Values[79]	Byte		Set in IDB Set in IDB	False	False False False False	False False		
	Byte	The second secon	Is at up IDD	False	11	1	1	

False

False

False False

Values[79]

Byte

omation Portal									
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
Values[80]	Byte		Set in IDB	False	API False	False	False		
Values[81]	Byte		Set in IDB	False		False	False		
Values[82]	Byte		Set in IDB	False	False	False	False		
Values[83]	Byte		Set in IDB	False	False	False	False		
Values[84]	Byte		Set in IDB	False		False	False		
Values[85]	Byte		Set in IDB	False		False	False		
Values[86]	Byte		Set in IDB	False		False	False		
Values[87]	Byte		Set in IDB Set in IDB	False False		False False	False False		
Values[88] Values[89]	Byte Byte		Set in IDB	False		False	False		
Values[90]	Byte		Set in IDB	False		False	False		
Values[91]	Byte		Set in IDB	False		False	False		
Values[92]	Byte		Set in IDB	False		False	False		
Values[93]	Byte		Set in IDB	False		False	False		
Values[94]	Byte		Set in IDB	False		False	False		
Values[95]	Byte		Set in IDB	False		False	False		
Values[96]	Byte		Set in IDB	False		False	False		
Values[97]	Byte		Set in IDB	False		False	False		
Values[98]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Values[99] Values[100]	Byte		Set in IDB	False		False	False		
Values[101]	Byte		Set in IDB	False		False	False		
Values[102]	Byte		Set in IDB	False		False	False		
Values[103]	Byte		Set in IDB	False	False	False	False		
Values[104]	Byte		Set in IDB	False	False	False	False		
Values[105]	Byte		Set in IDB	False		False	False		
Values[106]	Byte		Set in IDB	False		False	False		
Values[107]	Byte		Set in IDB	False		False	False		
Values[108]	Byte		Set in IDB	False		False	False		
Values[109] Values[110]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Values[111]	Byte		Set in IDB	False		False	False		
Values[112]	Byte		Set in IDB	False		False	False		
Values[113]	Byte		Set in IDB	False	False		False		
Values[114]	Byte		Set in IDB	False	False	False	False		
Values[115]	Byte		Set in IDB	False	False	False	False		
Values[116]	Byte		Set in IDB	False		False	False		
Values[117]	Byte		Set in IDB	False		False	False		
Values[118]	Byte		Set in IDB	False		False	False		
Values[119] Values[120]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Values[121]	Byte		Set in IDB	False		False	False		
Values[122]	Byte		Set in IDB	False	False		False		
Values[123]	Byte		Set in IDB	False		False	False		
Values[124]	Byte		Set in IDB	False	False	False	False		
Values[125]	Byte		Set in IDB	False		False	False		
Values[126]	Byte		Set in IDB	False		False	False		
Values[127]	Byte		Set in IDB	False		False	False		
Values[128]	Byte		Set in IDB Set in IDB	False		False False	False False		
Values[129] Values[130]	Byte Byte		Set in IDB	False False		False	False		
Values[131]	Byte		Set in IDB	False	False		False		
Values[132]	Byte		Set in IDB	False		False	False		
Values[133]	Byte		Set in IDB	False		False	False		
Values[134]	Byte		Set in IDB	False	False	False	False		
Values[135]	Byte		Set in IDB	False	False		False		
Values[136]	Byte		Set in IDB	False	False		False		
Values[137]	Byte		Set in IDB	False		False	False		
Values[138]	Byte		Set in IDB Set in IDB	False False		False False	False False		
Values[139] Values[140]	Byte Byte		Set in IDB	False	False		False		
Values[140] Values[141]	Byte		Set in IDB	False	False		False		_
Values[141] Values[142]	Byte		Set in IDB	False		False	False		
Values[143]	Byte		Set in IDB	False		False	False		
Values[144]	Byte		Set in IDB	False	False		False		
Values[145]	Byte		Set in IDB	False	False		False		
Values[146]	Byte		Set in IDB	False		False	False		
Values[147]	Byte		Set in IDB	False		False	False		
Values[148]	Byte		Set in IDB	False		False	False		
Values[149]	Byte		Set in IDB	False	False		False		
Values[150]	Byte		Set in IDB	False	False		False		

Set in IDB

False

False

False False

False False

False

False

Byte

Byte

Values[151]

Values[152]

omation Portal								
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able HMI engi- from neering HMI/ OPC UA/ Web		Supervi- sion	Comment
Values[152]	Pyto		Set in IDB	False	API False False	False		
Values[153] Values[154]	Byte Byte		Set in IDB	False	False False	False		
Values[155]	Byte		Set in IDB	False	False False	False		
Values[156]	Byte		Set in IDB	False	False False	False		
Values[157]	Byte		Set in IDB	False	False False	False		
Values[158]	Byte		Set in IDB	False	False False	False		
Values[159] Values[160]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[161]	Byte		Set in IDB	False	False False	False		
Values[162]	Byte		Set in IDB	False	False False	False		
Values[163]	Byte		Set in IDB	False	False False	False		
Values[164]	Byte		Set in IDB	False	False False	False		
Values[165] Values[166]	Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[166] Values[167]	Byte Byte		Set in IDB	False	False False	False		
Values[168]	Byte		Set in IDB	False	False False	False		
Values[169]	Byte		Set in IDB	False	False False	False		
Values[170]	Byte		Set in IDB	False	False False	False		
Values[171]	Byte		Set in IDB	False	False False	False		
Values[172] Values[173]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[174]	Byte		Set in IDB	False	False False	False		
Values[175]	Byte		Set in IDB	False	False False	False		
Values[176]	Byte		Set in IDB	False	False False	False		
Values[177]	Byte		Set in IDB	False	False False	False		
Values[178]	Byte		Set in IDB	False	False False	False		
Values[179] Values[180]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[181]	Byte		Set in IDB	False	False False	False		
Values[182]	Byte		Set in IDB	False	False False	False		
Values[183]	Byte		Set in IDB	False	False False	False		
Values[184]	Byte		Set in IDB	False	False False	False		
Values[185]	Byte		Set in IDB	False	False False	False		
Values[186] Values[187]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[188]	Byte		Set in IDB	False	False False	False		
Values[189]	Byte		Set in IDB	False	False False	False		
Values[190]	Byte		Set in IDB	False	False False	False		
Values[191]	Byte		Set in IDB	False	False False	False		
Values[192] Values[193]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[194]	Byte		Set in IDB	False	False False	False		
Values[195]	Byte		Set in IDB	False	False False	False		
Values[196]	Byte		Set in IDB	False	False False	False		
Values[197]	Byte		Set in IDB	False	False False	False		
Values[198]	Byte		Set in IDB	False	False False	False		
Values[199] Values[200]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[201]	Byte		Set in IDB	False	False False	False		
Values[202]	Byte		Set in IDB	False	False False	False		
Values[203]	Byte		Set in IDB	False	False False	False		
Values[204]	Byte		Set in IDB	False	False False	False		
Values[205] Values[206]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[207]	Byte		Set in IDB	False	False False	False		
Values[208]	Byte		Set in IDB	False	False False	False		
Values[209]	Byte		Set in IDB	False	False False	False		
Values[210]	Byte		Set in IDB	False	False False	False		
Values[211]	Byte		Set in IDB	False	False False	False		
Values[212] Values[213]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[214]	Byte		Set in IDB	False	False False	False		
Values[215]	Byte		Set in IDB	False	False False	False		
Values[216]	Byte		Set in IDB	False	False False	False		
Values[217]	Byte		Set in IDB	False	False False	False		
Values[218]	Byte		Set in IDB	False	False False	False		
Values[219]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Values[220] Values[221]	Byte		Set in IDB	False	False False	False		
Values[222]	Byte		Set in IDB	False	False False	False		
Values[223]	Byte		Set in IDB	False	False False	False		
Values[224]	Byte		Set in IDB	False	False False	False		
Values[225]	Byte		Set in IDB	False	False False	False		1

Set in IDB

Values[225]

Byte

False False

False

False

otally Integrated									
automation Portal									
ne	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
Values[226]	Byte		Set in IDB	False	False	False	False		
Values[227]	Byte		Set in IDB	False	False	False	False		
Values[228]	Byte		Set in IDB	False	False	False	False		
Values[229]	Byte		Set in IDB	False		False	False		
Values[230]	Byte		Set in IDB	False		False	False		
Values[231]	Byte		Set in IDB	False		False	False		
Values[232]	Byte		Set in IDB	False		False	False		
Values[233]	Byte		Set in IDB	False		False False	False		
Values[234] Values[235]	Byte Byte		Set in IDB Set in IDB	False False		False	False False		
Values[236]	Byte		Set in IDB	False		False	False		
Values[237]	Byte		Set in IDB	False		False	False		
Values[238]	Byte		Set in IDB	False		False	False		
Values[238] Values[239]	Byte		Set in IDB	False		False	False		
Values[240]	Byte		Set in IDB	False		False	False		
Values[241]	Byte		Set in IDB	False		False	False		
Values[242]	Byte		Set in IDB	False	False	False	False		
Values[243]	Byte		Set in IDB	False	False	False	False		
Values[244]	Byte		Set in IDB	False	False	False	False		
▼ FC5_6_Req	TCP_MB_FC5_6 _Req		Set in IDB	False		False	True		For internal use only
Transaction_ID	Word		Set in IDB	False	False		False		
Protocol_ID	Word		Set in IDB	False		False	False		
Length	Word		Set in IDB	False		False	False		
Unit_ID	Byte		Set in IDB Set in IDB	False False		False False	False False		
FCode StartAddr	Byte Word		Set in IDB	False		False	False		
Value	Word		Set in IDB	False		False	False		
▼ FC1_4_ValResp	TCP_MB_FC1_4 _ValResp		Set in IDB	False		False	True		For internal use only
Transaction_ID	Word		Set in IDB	False	False	False	False		
Protocol_ID	Word		Set in IDB	False	False	False	False		
Length	Word		Set in IDB	False	False	False	False		
Unit_ID	Byte		Set in IDB	False		False	False		
FCode	Byte		Set in IDB	False		False	False		
Quantity	Byte		Set in IDB	False		False	False		
Data1	Byte	•	Set in IDB	False		False	False		
▼ Data	Array[0248] of Byte	†	Set in IDB	False		False	False		
Data[0]	Byte		Set in IDB Set in IDB	False		False False	False		
Data[1]	Byte Byte		Set in IDB	False False		False	False False		
Data[2] Data[3]	Byte		Set in IDB	False		False	False		
Data[4]	Byte		Set in IDB	False		False	False		
Data[5]	Byte		Set in IDB	False		False	False		
Data[6]	Byte		Set in IDB	False		False	False		
Data[7]	Byte		Set in IDB	False		False	False		
Data[8]	Byte		Set in IDB	False	False	False	False		
Data[9]	Byte		Set in IDB	False		False	False		
Data[10]	Byte		Set in IDB	False		False	False		
Data[11]	Byte		Set in IDB	False		False	False		
Data[12]	Byte		Set in IDB	False		False	False		
Data[13]	Byte		Set in IDB	False		False	False		
Data[14]	Byte		Set in IDB	False	False	False	False		
Data[15]	Byte Byte		Set in IDB Set in IDB	False False		False	False False		
Data[16] Data[17]	Byte		Set in IDB	False	False		False		
Data[17]	Byte		Set in IDB	False		False	False		
Data[19]	Byte		Set in IDB	False		False	False		
Data[19]	Byte		Set in IDB	False	False		False		
Data[21]	Byte		Set in IDB	False	False		False		
Data[22]	Byte		Set in IDB	False		False	False		
Data[23]	Byte		Set in IDB	False	False	False	False		
Data[24]	Byte		Set in IDB	False		False	False		
Data[25]	Byte		Set in IDB	False	False	False	False		
Data[26]	Byte		Set in IDB	False	False		False		
Data[27]	Byte		Set in IDB	False		False	False		
Data[28]	Byte		Set in IDB	False	False		False		
Data[20]	Ryte	The state of the s	Set in IDR	False	I - 1	False	False		

Set in IDB

False

False

False

False

False

False

False False

False False

False False

False False

False False

False False

False

False

False

False

False

False

Data[29]

Data[30]

Data[31]

Data[32]

Data[33]

Data[34]

Byte

Byte

Byte

Byte

Byte

Byte

	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
					Web				
Data[35]	Byte		Set in IDB	False	API False	False	False		
Data[36]	Byte		Set in IDB	False		False	False		
Data[37]	Byte		Set in IDB	False	False	False	False		
Data[38]	Byte		Set in IDB	False		False	False		
Data[39]	Byte		Set in IDB	False		False	False		
Data[40]	Byte		Set in IDB Set in IDB	False False		False False	False False		
Data[41] Data[42]	Byte Byte		Set in IDB	False		False	False		
Data[43]	Byte		Set in IDB	False		False	False		
Data[44]	Byte		Set in IDB	False		False	False		
Data[45]	Byte		Set in IDB	False		False	False		
Data[46]	Byte		Set in IDB	False		False	False		
Data[47]	Byte		Set in IDB	False		False	False		
Data[48]	Byte		Set in IDB	False		False	False		
Data[49] Data[50]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Data[50] Data[51]	Byte		Set in IDB	False		False	False		
Data[51] Data[52]	Byte		Set in IDB	False		False	False		
Data[53]	Byte		Set in IDB	False		False	False		
Data[54]	Byte		Set in IDB	False		False	False		
Data[55]	Byte		Set in IDB	False		False	False		
Data[56]	Byte		Set in IDB	False		False	False		
Data[57]	Byte		Set in IDB	False		False	False False		
Data[58] Data[59]	Byte Byte		Set in IDB Set in IDB	False False		False False	False		
Data[59] Data[60]	Byte		Set in IDB	False		False	False		
Data[61]	Byte		Set in IDB	False		False	False		
Data[62]	Byte		Set in IDB	False		False	False		
Data[63]	Byte		Set in IDB	False	False	False	False		
Data[64]	Byte		Set in IDB	False		False	False		
Data[65]	Byte		Set in IDB	False		False	False		
Data[66]	Byte		Set in IDB	False		False	False		
Data[67] Data[68]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Data[69]	Byte		Set in IDB	False		False	False		
Data[70]	Byte		Set in IDB	False		False	False		
Data[71]	Byte		Set in IDB	False		False	False		
Data[72]	Byte		Set in IDB	False	False		False		
Data[73]	Byte		Set in IDB	False		False	False		
Data[74]	Byte		Set in IDB	False		False	False		
Data[75] Data[76]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Data[76] Data[77]	Byte		Set in IDB	False		False	False		
Data[77] Data[78]	Byte		Set in IDB	False		False	False		
Data[79]	Byte		Set in IDB	False		False	False		
Data[80]	Byte		Set in IDB	False		False	False		
Data[81]	Byte		Set in IDB	False		False	False		
Data[82]	Byte		Set in IDB	False		False	False		
Data[83] Data[84]	Byte Byte		Set in IDB Set in IDB	False False		False False	False False		
Data[84] Data[85]	Byte		Set in IDB	False		False	False		
Data[86]	Byte		Set in IDB	False		False	False		
Data[87]	Byte		Set in IDB	False		False	False		
Data[88]	Byte		Set in IDB	False		False	False		
Data[89]	Byte		Set in IDB	False	False		False		
Data[90]	Byte		Set in IDB	False	False		False		
Data[91]	Byte Byte		Set in IDB Set in IDB	False False	False	False False	False False		
Data [92] Data [93]	Byte		Set in IDB	False		False	False		
Data[94]	Byte		Set in IDB	False		False	False		
Data[95]	Byte		Set in IDB	False	False		False		
Data[96]	Byte		Set in IDB	False	False	False	False		
Data[97]	Byte		Set in IDB	False		False	False		
Data[98]	Byte		Set in IDB	False		False	False		
Data[99]	Byte		Set in IDB	False	False		False		
Data[100] Data[101]	Byte Byte		Set in IDB Set in IDB	False False	False	False False	False False		
Data[101] Data[102]	Byte		Set in IDB	False		False	False		
Data[102] Data[103]	Byte		Set in IDB	False		False	False		
Data[104]	Byte		Set in IDB	False	False		False		
Data[105]	Byte		Set in IDB	False		False	False		
Data[106]	Byte		Set in IDB	False	False	F	False		

Set in IDB

Byte

Byte

Data[106]

Data[107]

False False

False False

False

False

False

False

Data[108] Data[109] Data[110] Data[111] Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135] Data[136]	Byte Byte Byte Byte Byte Byte Byte Byte	Default value	Set in IDB	False	Writable in able from HMI/OPC UA/Web API False F		Supervision	Comment
Data[108] Data[109] Data[110] Data[111] Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte	Default value	Set in IDB	False	able HMI engi- from heering HMI/ OPC UA/ Web API False	False		Comment
Data[109] Data[110] Data[111] Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[109] Data[110] Data[111] Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[120] Data[122] Data[122] Data[123] Data[124] Data[125] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[110] Data[111] Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[112] Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[113] Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[114] Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[115] Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[116] Data[117] Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[118] Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[119] Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[120] Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False		
Data[121] Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False False False False False False False False		
Data[122] Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False	False	False False False False False False		
Data[123] Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False False False False False False False False	False	False False False False False		
Data[124] Data[125] Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False False False False False	False False False False False False False False	False False False		
Data[126] Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB	False False False False	False False False False False False	False False		
Data[127] Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB Set in IDB Set in IDB Set in IDB	False False	False False False False	False		
Data[128] Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte Byte		Set in IDB Set in IDB Set in IDB	False False	False False			
Data[129] Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte Byte Byte Byte Byte		Set in IDB Set in IDB	False		and the second s		
Data[130] Data[131] Data[132] Data[133] Data[134] Data[135]	Byte Byte Byte			- 1	False False	False		
Data[132] Data[133] Data[134] Data[135]	Byte Byte		Set in IDR	False	False False	False		
Data[133] Data[134] Data[135]	Byte			False	False False	False		
Data[134] Data[135]			Set in IDB	False	False False	False		
Data[135]	Byte		Set in IDB Set in IDB	False False	False False False False	False False		
	Byte		Set in IDB	False	False False	False		
	Byte		Set in IDB	False	False False	False		
Data[137]	Byte		Set in IDB	False	False False	False		
Data[138]	Byte		Set in IDB	False	False False	False		
Data[139]	Byte		Set in IDB	False	False False	False		
Data[140] Data[141]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[141]	Byte		Set in IDB	False	False False	False		
Data[143]	Byte		Set in IDB	False	False False	False		
Data[144]	Byte		Set in IDB	False	False False	False		
Data[145]	Byte		Set in IDB	False	False False	False		
Data[146]	Byte		Set in IDB	False	False False	False		
Data[147] Data[148]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[149]	Byte		Set in IDB	False	False False	False		
Data[150]	Byte		Set in IDB	False	False False	False		
Data[151]	Byte		Set in IDB	False	False False	False		
Data[152]	Byte		Set in IDB	False	False False	False		
Data[153]	Byte		Set in IDB	False	False False	False		
Data[154] Data[155]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[156]	Byte		Set in IDB	False	False False	False		
Data[157]	Byte		Set in IDB	False	False False	False		
Data[158]	Byte		Set in IDB	False	False False	False		
Data[159]	Byte		Set in IDB	False	False False	False		
Data[160] Data[161]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[162]	Byte		Set in IDB	False	False False	False		
Data[163]	Byte		Set in IDB	False	False False	False		
Data[164]	Byte		Set in IDB	False	False False	False		
Data[165]	Byte		Set in IDB	False	False False	False		
Data[166]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[167] Data[168]	Byte		Set in IDB	False	False False	False		
Data[169]	Byte		Set in IDB	False	False False	False		
Data[170]	Byte		Set in IDB	False	False False	False		
Data[171]	Byte		Set in IDB	False	False False	False		
Data[172]	Byte		Set in IDB	False	False False	False		
Data[173] Data[174]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data [174] Data [175]	Byte		Set in IDB	False	False False	False		
Data[176]	Byte		Set in IDB	False	False False	False		
Data[177]	Byte		Set in IDB	False	False False	False		
Data[178]	Byte		Set in IDB	False	False False	False		
Data[179] Data[180]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		

Set in IDB

Data[180]

Byte

False

False False

False

omation Portal								
	Data type	Default value	Retain	Accessible from HMI/OPC UA/Web API	Writ- Visible in able HMI engi- from neering HMI/ OPC UA/ Web	Setpoint	Supervi- sion	Comment
Data[181]	Byte		Set in IDB	False	API False False	False		
Data[182]	Byte		Set in IDB	False	False False	False		
Data[183]	Byte		Set in IDB	False	False False	False		
Data[184]	Byte		Set in IDB	False	False False	False		
Data[185] Data[186]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[187]	Byte		Set in IDB	False	False False	False		
Data[188]	Byte		Set in IDB	False	False False	False		
Data[189]	Byte		Set in IDB	False	False False	False		
Data[190]	Byte		Set in IDB	False	False False	False		
Data[191] Data[192]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[192]	Byte		Set in IDB	False	False False	False		
Data[194]	Byte		Set in IDB	False	False False	False		
Data[195]	Byte		Set in IDB	False	False False	False		
Data[196]	Byte		Set in IDB	False	False False	False		
Data[197] Data[198]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[198]	Byte		Set in IDB	False	False False	False		
Data[200]	Byte		Set in IDB	False	False False	False		
Data[201]	Byte		Set in IDB	False	False False	False		
Data[202]	Byte		Set in IDB	False	False False	False		
Data[203] Data[204]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[204] Data[205]	Byte		Set in IDB	False	False False	False		
Data[206]	Byte		Set in IDB	False	False False	False		
Data[207]	Byte		Set in IDB	False	False False	False		
Data[208]	Byte		Set in IDB	False	False False	False		
Data[209]	Byte		Set in IDB Set in IDB	False	False False False False	False False		
Data[210] Data[211]	Byte Byte		Set in IDB	False False	False False	False		
Data[212]	Byte		Set in IDB	False	False False	False		
Data[213]	Byte		Set in IDB	False	False False	False		
Data[214]	Byte		Set in IDB	False	False False	False		
Data[215]	Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[216] Data[217]	Byte Byte		Set in IDB	False	False False	False		
Data[218]	Byte		Set in IDB	False	False False	False		
Data[219]	Byte		Set in IDB	False	False False	False		
Data[220]	Byte		Set in IDB	False	False False	False		
Data[221] Data[222]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[223]	Byte		Set in IDB	False	False False	False		
Data[224]	Byte		Set in IDB	False	False False	False		
Data[225]	Byte		Set in IDB	False	False False	False		
Data[226]	Byte		Set in IDB	False	False False	False		
Data[227] Data[228]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[229]	Byte		Set in IDB	False	False False	False		
Data[230]	Byte		Set in IDB	False	False False	False		
Data[231]	Byte		Set in IDB	False	False False	False		
Data[232]	Byte		Set in IDB	False	False False	False		
Data[233] Data[234]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[234] Data[235]	Byte		Set in IDB	False	False False	False		
Data[236]	Byte		Set in IDB	False	False False	False		
Data[237]	Byte		Set in IDB	False	False False	False		
Data[238]	Byte		Set in IDB	False	False False	False		
Data[239] Data[240]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[241]	Byte		Set in IDB	False	False False	False		
Data[242]	Byte		Set in IDB	False	False False	False		
Data[243]	Byte		Set in IDB	False	False False	False		
Data[244]	Byte		Set in IDB	False	False False	False		
Data[245] Data[246]	Byte Byte		Set in IDB Set in IDB	False False	False False False False	False False		
Data[247]	Byte		Set in IDB	False	False False	False		
Data[248]	Byte		Set in IDB	False	False False	False		
-C1_4_Req	TCP_MB_FC1_4		Set in IDB	False	False False	True		For internal use only
Transaction_ID	Req Word		Set in IDB	False	False False	False		
Protocol_ID	Word		Set in IDB	False	False False	False		
Length	Word		Set in IDB		False False	False		
	VVOIG		Set III IDD	False	raise raise	i aise		

Set in IDB

False False

False

False

Length

Word

Data type Default value Retain Accessible Writh Visible in Septont Supervision HMIO/CF from needing War Web API War Web API War Web API Word Set in IDB False Fals	Comment
Unit_IDByteSet in IDBFalseFalseFalseFalseFCodeByteSet in IDBFalseFalseFalseFalseStartAddrWordSet in IDBFalseFalseFalseFalse	
StartAddr Word Set in IDB False False False	
	·

Totally Integrated	
Automation Portal	

Program blocks / System blocks / Program resources

MB_SERVER_DB [DB2]

B_SERVER_DB	3 Properties										
eneral	·										
ame	MB_SERVER_DB	N	lumber	2		Type	DE	3		Langua	ge DB
umbering	Automatic										
formation											
tle			uthor	Simatic		Comment				Family	MBUS_TCP
ersion	4.2	U	lser-defined ID								
ame		Data type	Start val	ue	Retain	Accessible from HMI/OPC UA/Web API	able	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ In put											
DISCONNI	ECT	Bool	false		False	True	True	False	False		Initiates a disconnect operation
Output											·
NDR		Bool	false		False	True	True	Falso	False		Write data completed without en
DR		Bool	false		False	True	True		False		Read data completed without err
ERROR		Bool	false		False	True	True		False		Instruction finished with error
				1							
STATUS		Word	16#0000	,	False	True	True	raise	False		Detailed error information
r InOut											
MB_HOLD)_REG	Variant			False	False	False	False	False		Reference to the Modbus holding
						- ·					ister DB
CONNECT	-	Variant			False	False	False	False	False		Reference to the connection para
- C+a+:-											ters
▼ Static											
▼ TCON		TCON			False	True	True	True	True		Local instance of the instruction
											TCON
Input											
REQ)	Bool	false		False	True	True	True	False		Function to be executed on rising
											edge
ID		CONN_OU	C 16#0		False	True	True	True	False		Connection identifier
Output	t										
DON		Bool	false		False	True	True	True	False		New data received
BUS		Bool	false		False	True	True		False		Function busy
ERRO		Bool	false		False	True	True		False		Error detected
				000							
STA	TUS	Word	W#16#7	000	False	True	True	True	False		Function result/error message
▼ InOut											
CON	NNECT	Variant			False	False	False	False	False		Connection description
Static											
▼ TSEND		TSEND			False	True	True	True	True		Local instance of the instruction
											TSEND
🔻 Input											
REQ		Bool	false		False	True	True	True	False		Function to be executed on rising
		300.	14.50		, alse	11.46	1146		1 4.50		edge
ID		CONN_OU	C 16#0		False	True	True	True	False		Connection identifier
LEN		UDInt	0		False	True	True	True	False		Data length to send
▼ Output						11.0.0					
·		5 1	6.1			-	-	_			
DON		Bool	false		False	True	True		False		Send performed
BUS		Bool	false		False	True	True		False		Function busy
ERRO		Bool	false		False	True	True		False		Error detected
STA	TUS	Word	W#16#7	000	False	True	True	True	False		Function result/error message
▼ InOut											
DAT	Ā	Variant			False	False	False	False	False		Pointer on data area to send
ADD		Variant			False	False	False		False		Pointer on address of receiver
Static											
▼ TRCV		TRCV			False	True	True	True	True		Local instance of the instruction
		-				-					
▼ Input											
EN_	R	Bool	false		False	True	True		False		EN_R=1: function enabled
ID		CONN_OU	C 16#0		False	True	True	True	False		Connection identifier
LEN		UDInt	0		False	True	True	True	False		Data length to receive
ADH	HOC	Bool	false		False	True	True	True	False		Request adhoc mode
▼ Output	t										
NDR		Bool	false		False	True	True	True	False		New data received
BUS		Bool	false		False	True	True		False		Function busy
			false								-
ERRO		Bool		000	False	True	True		False		Error detected
STA	TUS	Word	W#16#7	UUU	False	True	True		False		Function result/error message
	D_LEN	UDInt	0		False	True	True	True	False		Length of received data
RCV		1			1						
RCV ▼ InOut	- A	Variant			False	False	False	False	False		Buffer for received data
RCV		Variant Variant			False False	False False	False False		False False		Buffer for received data Address of sender

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
▼ TDIAG	T_DIAG		False	True	True	True	True		Local instance of the instruction T_DI-AG
▼ Input									
REQ	Bool	false	False	True	True	True	False		Function to be executed on rising edge
ID	CONN_OUC	16#0	False	True	True	True	False		Connection identifier
▼ Output									
DONE	Bool	false	False	True	True	True	False		Function completed
BUSY	Bool	false	False	True	True	True	False		Function busy
ERROR	Bool	false	False	True	True	True	False		Error detected
STATUS	Word	16#0	False	True	True	True	False		Function result/error message
▼ InOut									
RESULT	Variant		False	False	False	False	False		Diagnostics information
Static									
▼ TRESET	T_RESET		False	True	True	True	True		Local instance of the instruction T_RE- SET
▼ Input									
REQ	Bool	false	False	True	True	True	False		Function to be executed on rising edge
ID	CONN_OUC	16#0	False	True	True	True	False		Connection identifier
▼ 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		False		Error detected
STATUS	Word	16#0	False	True	True		False		Function result/error message
InOut	11010			11.5.5					
Static	TDISCON			_	_	_	-		L Li L CH I L TDIS
▼ TDISCON	TDISCON		False	True	True	True	True		Local instance of the instruction TDIS- CON
▼ Input REQ	Bool	False	False	True	True	True	False		Function to be executed on rising
					111111				edge
ID	CONN_OUC	W#16#0	False	True	True	True	False		Connection identifier
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 detected
STATUS	Word	W#16#7000	False	True	True	True	False		Function result/error message
InOut									
Static									
▼ TDIAG_Status	TDiag_Status		False	True	True	True	True		TDiag_Status structure
InterfaceId	HW_ANY	0	False	True	True	True	False		HW-identifier of IE-interface submod- ule
ID	CONN_OUC	16#0	False	True	True	True	False		connection reference / identifier of monitored connection
ConnectionType	Byte	16#00	False	True	True	True	False		type of monitored connetion
ActiveEstablished	Bool	false	False	True	True	True	False		active/passive connection establish- ment
State	Byte	16#00	False	True	True	True	False		state of monitored connection
Kind	Byte	16#00	False	True	True		False		kind of monitored connection
SentBytes	UDInt	16#00	False	True	True		False		bytes sent via monitored connection
ReceivedBytes	UDInt	16#00	False	True	True		False		bytes received on monitored connec-
HR_Start_Offset	Word	16#0	False	True	True	True	False		tion Specifies the starting address of the
QB_Start	Word	16#0	False		True		False		Modbus Holding register Starting address of the output bytes that are allowed to be accessed (QB0
QB_Count	Word	16#FFFF	False	True	True	True	False		to QB65535) Number of bytes accessible by the
									Modbus Client. If QB_Count = 0, outputs are not accessible
Success_Count	Word	16#0	False	True		True	False		Number of requests received for this specific server that have no protocol errors
Request_Count	Word	16#0	False	True	True		False		Number of all requests received by this server
Xmt Rcy Count	Word	16#0	False	True	True	True	False		Number of transmissions or recep-

True True

True True

True True

True True

True False

True True

False

True

True

True

True

True

True

Number of transmissions or recep-

Number of Modbus specific errors that require a returned exception

Internal status of the Modbus server

MB Server connection state

For internal use only

specific server

operation

tions that have encountered an error

Number of requests received for this

16#0

16#0

16#0

false

16#0

16#0

Word

Word

Word

Bool

Word

Word

 Xmt_Rcv_Count

Exception_Count

Connected

MB_State

Connection_ID

Server_Message_Count

									i
	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
EMP_DATA	Array[0262] of		False	True	API True	False	False		For internal use only
	Byte			1140					
TEMP_DATA[0]	Byte	16#0 16#0	False False	True	True	False False	False False		For internal use only
TEMP_DATA[1] TEMP_DATA[2]	Byte Byte	16#0	False	True True	True True		False		For internal use only For internal use only
TEMP_DATA[3]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[4]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[5]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[6]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[7]	Byte	16#0	False	True	True True		False False		For internal use only
TEMP_DATA[8] TEMP_DATA[9]	Byte Byte	16#0 16#0	False False	True True		False	False		For internal use only For internal use only
TEMP_DATA[9] TEMP_DATA[10]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[11]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[12]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[13]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[14]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[15]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[16] TEMP_DATA[17]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[17] TEMP_DATA[18]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[19]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[20]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[21]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[22]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[23]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[24] TEMP_DATA[25]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[25] TEMP_DATA[26]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[27]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[28]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[29]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[30]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[31]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[32]	Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[33] TEMP_DATA[34]	Byte Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[35]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[36]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[37]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[38]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[39]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[40] TEMP_DATA[41]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[41]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[43]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[44]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[45]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[46]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[47]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[48] TEMP_DATA[49]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[49] TEMP_DATA[50]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[51]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[52]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[53]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[54]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[55] TEMP_DATA[56]	Byte Byte	16#0 16#0	False False	True True	True True	-	False False		For internal use only For internal use only
TEMP_DATA[56] TEMP_DATA[57]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[57]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[59]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[60]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[61]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[62]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[63]	Byte	16#0	False	True	True		False		For internal use only For internal use only
TEMP_DATA[64] TEMP_DATA[65]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[65] TEMP_DATA[66]	Byte	16#0	False	True	True		False		For internal use only
	D J CC								. Jciriai asc offiy
	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[67] TEMP_DATA[68]	Byte Byte	16#0 16#0	False False	True True	True True		False False		For internal use only For internal use only

omation Portal									
	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
TEMP_DATA[71]	Byte	16#0	False	True	API True	False	False		For internal use only
TEMP_DATA[72]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[73]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[74]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[75]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[76]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[77]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[78]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[79]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[80]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[81]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[82]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[83]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[84]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[85]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[86]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[87]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[88]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[89]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[90]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[91]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[92]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[93]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[94]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[95]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[96]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[97]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[98]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[99]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[100]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[101]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[102]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[103]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[104]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[105]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[106]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[107]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[108]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[109]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[110]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[111]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[112]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[113]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[114]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[115]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[116]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[117]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[118]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[119]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[120]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[121]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[122]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[123]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[124]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[125]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[126]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[127]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[128]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[129]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[130]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[131]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[132]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[133]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[134]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[135]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[136]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[137]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[138]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[139]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[140]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[141]	Byte	16#0	False	True		False	False		For internal use only
					Iriie	FAICE			FOR INTERNALITIES ONLY

True False

True False

True False

False

False

False

True

True

True

False

False

False

For internal use only

For internal use only

For internal use only

TEMP_DATA[141]

TEMP_DATA[142]

TEMP_DATA[143]

Byte

Byte

Byte

16#0

16#0

16#0

otally Integrated utomation Portal									
e	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able from HMI/ OPC UA/ Web	Visible in HMI engi- neering	Setpoint	Supervi- sion	Comment
TEMP_DATA[144]	Byte	16#0	False	True	API True	False	False		For internal use only
TEMP_DATA[145]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[146]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[147]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[148]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[149]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[150]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[151]	Byte	16#0 16#0	False False	True True	True	False	False False		For internal use only For internal use only
TEMP_DATA[152] TEMP_DATA[153]	Byte Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[153]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[155]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[156]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[157]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[158]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[159]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[160]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[161]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[162]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[163]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[164]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[165] TEMP_DATA[166]	Byte Byte	16#0 16#0	False False	True True		False False	False False		For internal use only For internal use only
TEMP_DATA[166]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[168]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[169]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[170]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[171]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[172]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[173]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[174]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[175]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[176]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[177]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[178]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[179]	Byte	16#0 16#0	False	True	True	-	False		For internal use only
TEMP_DATA[180]	Byte Byte	16#0	False False	True True	True True		False False		For internal use only For internal use only
TEMP_DATA[181] TEMP_DATA[182]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[183]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[184]	Byte	16#0	False	True	True	-	False		For internal use only
TEMP_DATA[185]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[186]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[187]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[188]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[189]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[190]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[191]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[192]	Byte Byte	16#0 16#0	False False	True True	True	False False	False False		For internal use only For internal use only
TEMP_DATA[193] TEMP_DATA[194]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[194]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[196]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[197]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[198]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[199]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[200]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[201]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[202]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[203]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[204]	Byte	16#0 16#0	False	True	True	False False	False False		For internal use only For internal use only
TEMP_DATA[205]	Byte Byte	16#0	False False	True True		False	False		For internal use only For internal use only
TEMP_DATA[206] TEMP_DATA[207]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[207]	Byte	16#0	False	True		False	False		For internal use only
TEMP_DATA[209]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[210]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[211]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[212]	Byte	16#0	False	True	True	False	False		For internal use only
TEMD DATA[212]	Ryte	16#0	False	True	1_	False	False		For internal use only

True False

True False

True False

True False

False

False

False

False

For internal use only

For internal use only

For internal use only

For internal use only

False

False

False

False

True

True

True

True

16#0

16#0

16#0

16#0

Byte

Byte

Byte

Byte

TEMP_DATA[213]

TEMP_DATA[214]

TEMP_DATA[215]

TEMP_DATA[216]

Totally Integrated
Automation Portal

	Data type	Start value	Retain	Accessible from HMI/OPC UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comment
TEMP_DATA[217]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[218]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[219]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[220]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[221]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[222]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[223]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[224]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[225]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[226]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[227]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[228]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[229]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[230]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[231]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[232]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[233]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[234]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[235]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[236]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[237]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[238]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[239]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[240]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[241]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[242]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[243]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[244]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[245]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[246]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[247]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[248]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[249]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[250]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[251]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[252]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[253]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[254]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[255]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[256]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[257]	Byte	16#0	False		True		False		For internal use only
TEMP_DATA[258]	Byte	16#0	False	True	True	False	False		For internal use only
TEMP_DATA[259]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[260]	Byte	16#0	False	True	True		False		For internal use only
TEMP_DATA[261]	Byte	16#0	False		True		False		For internal use only
TEMP_DATA[262]	Byte	16#0	False		True		False		For internal use only

	blocks / S		ocks	/ 1 100	graiii re									
2 [DB7]														
Properties eneral					_		11-						2.0	
ıme ımbering	T2 Automatic		Numbe	r	7		Туре	DE	3		Langua	ige	DB	
formation :le			Author		Simatic		Comment				Family		IEC	
ersion	1.0				IEC_TMR	5 · ·		147 */				6		
ıme		Data typ	е	Start val	ue	Retain	UA/Web API	able	HMI engi- neering	Setpoint	Supervi- sion	Comme	nt	
Static				T#0					-					
PT ET		Time Time		T#0ms T#0ms		False False	True True	True False		False False				
IN Q		Bool Bool		false false		False False	True	True False	True	False False				

neral										
me T1 mbering Automatic	Num	iber 8		Туре	DE	3		Langua	n ge D	В
ormation	No. of	Sing ti		C				 	lie.	
e sion 1.0	Auth User	or Simatic r-defined ID IEC_TMR		Comment				Family	IE	C
ne	Data type	Start value	Retain	Accessible	Writ-	Visible in	Setpoint	Supervi-	Comment	
				HMI/OPC UA/Web API	from HMI/ OPC UA/ Web	HMI engi- neering		sion		
Static					API					
PT	Time	T#0ms	False	True	True	True	False			
ET	Time	T#0ms	False		False		False			
IN	Bool	false	False		True		False			
Q	Bool	false	False	True	False	True	False			

	Nun	nhor 0		Typo	DE)		Langui	DP	
nbering T3 Automatic	Nur	nber 9		Type	DE	3		Langua	age DB	
rmation e	Aut			Comment				Family	IEC	
1.0		r-defined ID IEC_TMR								
ne	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	
Static					API					
PT	Time	T#0ms	False		True		False			
ET IN	Time Bool	T#0ms false	False False		False True		False False			
Q	Bool	false	False		False		False			

Internal Number 3 Type DS Language D3 Automatic Automatic Automatic Automatic Internal 1.0 User-defined ID IC_TMI Barrion 1.0 User-defined ID IC_TMI Automatic Retain Automatic Retain Automatic Retain Automatic Internal Interna	N1 Properti	ies											
Author Simatic ersion 1.0 User-defined ID IEC_TMR Data type Start value Retain HMI/OPC UAV Web API OPC UAV Web API P Static PT Time T#0ms False True True False ITrue ITrue False ITrue False ITrue False ITrue IT		TON1	Num	ber 3		Type	DI	В		Langua	age	DB	
Author User-defined ID User-de	mbering					J1							
User-defined ID IEC_TMR Data type			Auth	or Simatic		Comment				Family		IFC	
Form HMI/OPC UA/Web API OPC UA/ Web UA		1.0											
from HMI/OPC from HMI/OPC HMI/OPC UA/Web API OPC UA	me		Data type	Start value	Retain		Writ-	Visible in	Setpoint	Supervi-	Commer	nt	
Static False True False False False True False F						HMI/OPC UA/Web	from HMI/ OPC UA/	neering		sion			
PT Time T#0ms False True True False ET Time T#0ms False True False True False IN Bool false False True True False	Static												
ET Time T#0ms False True False True False IN Bool false False True True False			Time	T#0ms	False	True	True	True	False				
IN Bool false False True True False													
					False								