

## allData\_EnergyMeter [FB6]

### allData\_EnergyMeter Eigenschaften

#### Allgemein

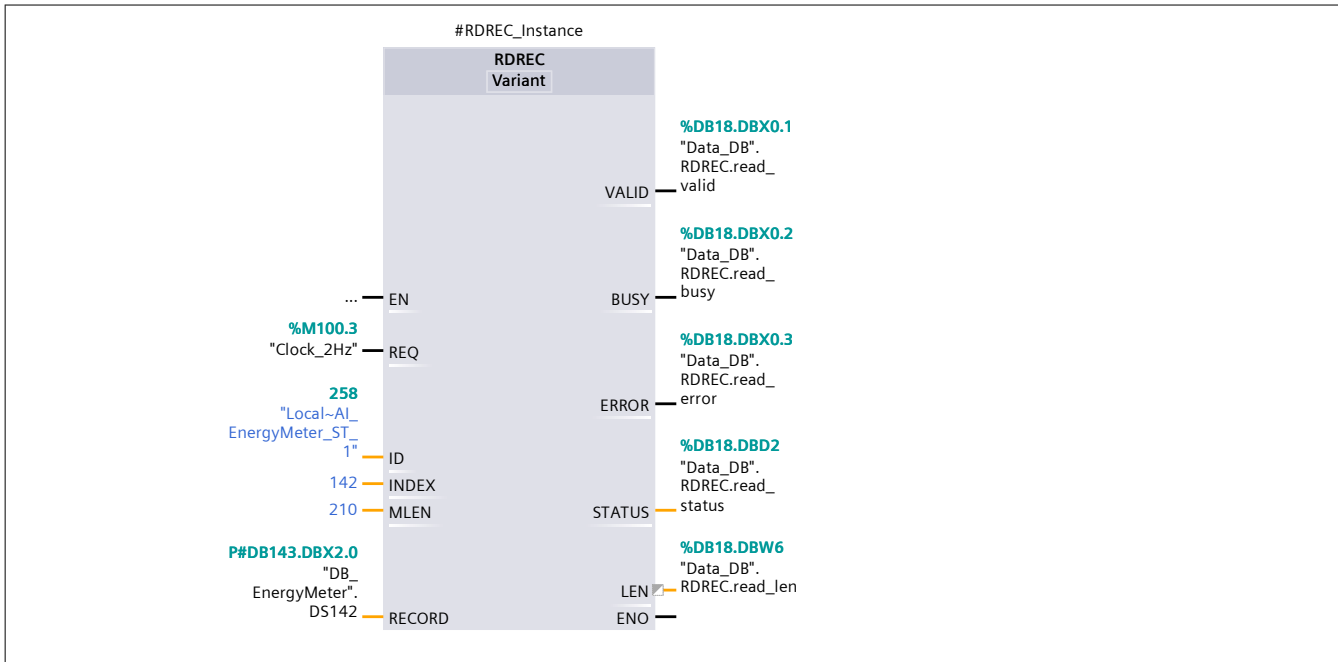
<b>Name</b>	allData_EnergyMeter	<b>Nummer</b>	6	<b>Typ</b>	FB
<b>Sprache</b>	FUP	<b>Nummerierung</b>	manuell		

#### Information

<b>Titel</b>	allData_EnergyMeter	<b>Autor</b>		<b>Kommentar</b>	gets all measured Data from the Energy Meter with the data record 142
<b>Familie</b>		<b>Version</b>	0.1	<b>Anwenderdefinierte ID</b>	

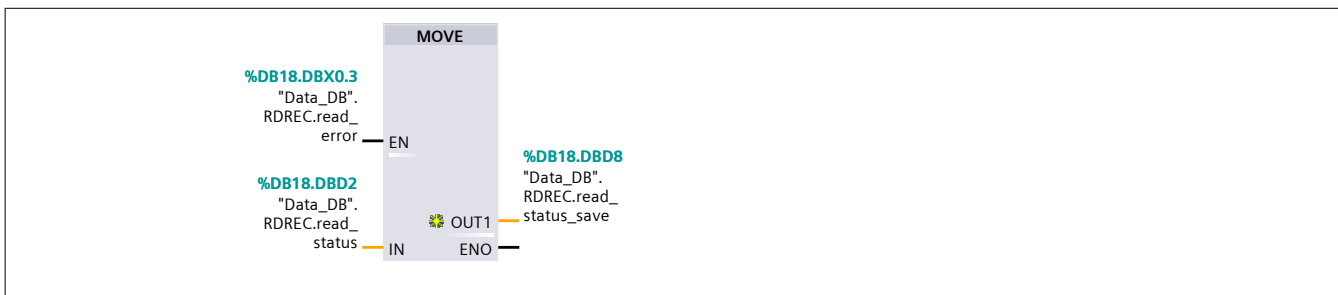
Name	Datentyp	Offset	Defaultwert	Erreichbar aus HMI	Sichtbar in HMI	Einstellwert	Kommentar
Input							
Output							
InOut							
▼ Static							
Min_zulässige_Spannung	Real	0.0	220.0	True	True	False	
Max_zulässige_Spannung	Real	4.0	240.0	True	True	False	
▼ RDREC_Instance	RDREC			True	True	False	
▼ Input							
REQ	Bool		FALSE	True	True	False	REQ = 1: Transfer data record
ID	HW_IO		16#0	True	True	False	HW-Id of the DP slave/PROFINET IO component
INDEX	DInt		0	True	True	False	Data record number
MLEN	UInt		0	True	True	False	Maximum length in bytes of the data
▼ Output							
VALID	Bool		FALSE	True	True	False	Function performed
BUSY	Bool		FALSE	True	True	False	Function busy
ERROR	Bool		FALSE	True	True	False	Error flag
STATUS	DWord		DW#16#0	True	True	False	Function result/error message
LEN	UInt		0	True	True	False	Length of the fetched data record
▼ InOut							
RECORD	Variant			False	False	False	Target area for the fetched data record
Static							
Temp							
Constant							

**Netzwerk 1: read the data record 142 to the module "Energy Meter"**



Symbol	Adresse	Typ	Kommentar
"Clock_2Hz"	%M100.3	Bool	
"Data_DB".RDREC.read_busy	%DB18.DBX0.2	Bool	
"Data_DB".RDREC.read_error	%DB18.DBX0.3	Bool	
"Data_DB".RDREC.read_len	%DB18.DBW6	Int	
"Data_DB".RDREC.read_status	%DB18.DBD2	DWord	
"Data_DB".RDREC.read_valid	%DB18.DBX0.1	Bool	
"DB_EnergyMeter".DS142	P#DB143.DBX2.0	Block_UDT	
"Local~AI_EnergyMeter_ST_1"	258	HW_SUBMODULE	
#RDREC_Instance		Multi_SFB	

**Netzwerk 2: save status if error occurs**



Symbol	Adresse	Typ	Kommentar
"Data_DB".RDREC.read_error	%DB18.DBX0.3	Bool	
"Data_DB".RDREC.read_status	%DB18.DBD2	DWord	

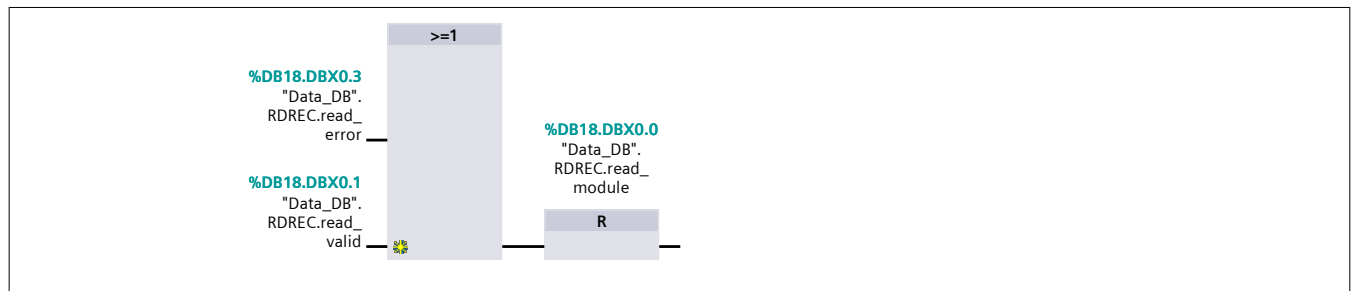
Symbol	Adresse	Typ	Kommentar
"Data_DB".RDREC.read_status_save	%DB18.DB08	DWord	

### Netzwerk 3: save length after a succesfull reading



Symbol	Adresse	Typ	Kommentar
"Data_DB".RDREC.read_len	%DB18.DBW6	Int	
"Data_DB".RDREC.read_len_save	%DB18.DBW12	Int	
"Data_DB".RDREC.read_valid	%DB18.DBX0.1	Bool	

### Netzwerk 4: reset read input



Symbol	Adresse	Typ	Kommentar
"Data_DB".RDREC.read_error	%DB18.DBX0.3	Bool	
"Data_DB".RDREC.read_module	%DB18.DBX0.0	Bool	
"Data_DB".RDREC.read_valid	%DB18.DBX0.1	Bool	