

Kennwort / Project
MES Kom.-Nr./Project No.:
Kunden Nr. / Order No.:

Europower Italien
14240/067
21124

MES Datenpunktliste / Signallist REV 1.0 - 30.11.2007

Master		SLAVE MES	MASTER Kunde/ Customer
<div><div><div>PROPERTIES</div><div>GSD-Datei Adresse höchste Adresse Übertragungsrate send receive</div></div><div><div>Profibus DP-Slave CP342-5 SIEM80D6.GSD 14 126 1,5 Mbit/s 132 byte 22 byte</div></div></div> <div>Note: PLS sends the received watchdog counter value without any modification to the turbine control system back</div>			

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
Bereich	DB 12	Bereich/Range	Faktor/factor		eingeliesene Analogwerte/ Analogvalue	DB55	
	DBW32	0..100 °C	x 0,1	INT	OIL TEMPERATURE	DBW 2	
	DBW8	0..4 barg	x 0,1	INT	LUB OIL PRESSURE	DBW 4	
			-	INT	-	DBW 6	
	DBW60	0..16 barg	x 0,1	INT	CONTROL OIL PRESSURE	DBW 8	
	DBW312	0..100 °C	x 0,1	INT	GEAR BEARING TEMPERATURE 1	DBW 10	
	DBW316	0..100 °C	x 0,1	INT	GEAR BEARING TEMPERATURE 2	DBW 12	
	DBW320	0..100 °C	x 0,1	INT	GEAR BEARING TEMPERATURE 3	DBW 14	
	DBW324	0..100 °C	x 0,1	INT	GEAR BEARING TEMPERATURE 4	DBW 16	
	DBW208	0..150 °C	x 0,1	INT	TURBINE BEARING TEMPERATURE 1	DBW 18	
	DBW220	0..150 °C	x 0,1	INT	TURBINE BEARING TEMPERATURE 2	DBW 20	
	DBW352	0..150 °C	x 0,1	INT	GEN BEARING TEMPERATURE 1	DBW 22	
	DBW356	0..150 °C	x 0,1	INT	GEN BEARING TEMPERATURE 2	DBW 24	
	DBW376	0..150 °C	x 0,1	INT	GEN WINDING TEMPERATURE L1	DBW 26	
	DBW380	0..150 °C	x 0,1	INT	GEN WINDING TEMPERATURE L2	DBW 28	
	DBW384	0..150 °C	x 0,1	INT	GEN WINDING TEMPERATURE L3	DBW 30	
			-	INT	-	DBW 32	

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
Bereich	DB 12	Bereich/Range	Faktor		eingeliesene Analogwerte/ Analogvalue	DB55	
-	DBW168	-	-	INT	-	DBW 34	
-	-	0..100 °C	x 0,1	INT	EXHAUST STEAM TEMPERATURE	DBW 36	
-	-	-	-	INT	-	DBW 38	
-	-	-	-	INT	-	DBW 40	
-	-	-	-	INT	-	DBW 42	
DBW224	-	0..25mm/s	x 0,1	INT	TURBINE BEARING 1 VIBRATION	DBW 44	
DBW236	-	0..25mm/s	x 0,1	INT	TURBINE BEARING 2 VIBRATION	DBW 46	
DBW240	-	-/+0,75 mm/s	x 0,01	INT	TURBINE AXIAL DISPLACEMENT	DBW 48	
DBW148	-	0..60 barg	x 0,1	INT	LIVE STEAM PRESSURE	DBW 50	
DBW172	-	-1..+4 barg	x 0,01	INT	EXHAUST STEAM PRESSURE	DBW 52	
-	-	-	-	INT	-	DBW 54	
DBW144	-	0..400 °C	x 0,1	INT	LIVE STEAM TEMPERATURE	DBW 56	
DBW328	-	0..25mm/s	x 0,1	INT	GEAR BOX 1 VIBRATION	DBW 58	
DBW396	-	0..3200kW	x 1	INT	ACTIVE POWER	DBW 60	
DBW368	-	0..2500 rpm	x 1	INT	SPEED	DBW 62	
DBW332	-	0..25mm/s	x 0,1	INT	GEAR BOX 2 VIBRATION	DBW 64	

Quelle/from	int.	Bereich/Range	Faktor	Typ/type	Bemerkung / Kommentar/Remarks	ext.
Bereich	DB 12				eingelene Analogwerte/ Analogvalue	DB55
	DBW444		x 1	INT	GENERATOR VOLTAGE L1 L2	DBW 66
	DBW448		x 1	INT	GENERATOR VOLTAGE L2 L3	DBW 68
	DBW452		x 1	INT	GENERATOR VOLTAGE L1 L3	DBW 70
	DBW456		x 1	INT	GENERATOR VOLTAGE L1N	DBW 72
	DBW460		x 1	INT	GENERATOR VOLTAGE L2N	DBW 74
	DBW464		x 1	INT	GENERATOR VOLTAGE L3N	DBW 76
	DBW468		x 0,1	INT	GENERATOR FREQUENCY	DBW 78
	DBW472		x 1	INT	GENERATOR CURRENT L1	DBW 80
	DBW476		x 1	INT	GENERATOR CURRENT L2	DBW 82
	DBW480		x 1	INT	GENERATOR CURRENT L3	DBW 84
	DBW484		x 0,01	INT	COS PHI	DBW 86
	-		-	INT		DBW 88
	DBW496		x 1	INT	GENERATOR REACTIVE POWER (KVar)	DBW 90
	DBW360	0..25mm/s	x 0,1	INT	GENERATOR BEARING 1 VIBRATION	DBW 92
	DBW364	0..25mm/s	x 0,1	INT	GENERATOR BEARING 2 VIBRATION	DBW 94
		0..32000	-	INT	WATCHDOG COUNTER	DBW 96

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG IN-OUT	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55
	DBW0.0	O.K.	ALARM	BOOL	AL01 EMERGENCY STOP	DBW102.0
	DBW0.1	O.K.	ALARM	BOOL	AL02 QUICK STOP	DBW102.1
	DBW0.2	O.K.	ALARM	BOOL	AL03 W505 EMERGENCY OFF	DBW102.2
	DBW0.3	O.K.	ALARM	BOOL	AL04	DBW102.3
	DBW0.4	O.K.	ALARM	BOOL	AL05 PLC FAILURE	DBW102.4
	DBW0.5	O.K.	ALARM	BOOL	AL06 COMMUNICATION FAILURE	DBW102.5
	DBW0.6	O.K.	ALARM	BOOL	AL07 MES2 NOT READY	DBW102.6
	DBW0.7	O.K.	ALARM	BOOL	AL08 BROKEN WIRE FAILURE	DBW102.7
	DBW0.8	O.K.	ALARM	BOOL	AL09	DBW102.8
	DBW0.9	O.K.	ALARM	BOOL	AL10 BATTERY UNDERVOLTAGE	DBW102.9
	DBW0.10	O.K.	ALARM	BOOL	AL11 M.C.B. CONTROL FAILURE	DBW102.10
	DBW0.11	O.K.	ALARM	BOOL	AL12 BATTERY MONITORING	DBW102.11
	DBW0.12	O.K.	ALARM	BOOL	AL13	DBW102.12
	DBW0.13	O.K.	ALARM	BOOL	AL14	DBW102.13
	DBW0.14	O.K.	ALARM	BOOL	AL15	DBW102.14
	DBW0.15	O.K.	ALARM	BOOL	AL16	DBW102.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55
	DBW2.0	O.K.	ALARM	BOOL	AL17 OIL TEMPERATURE TOO HIGH (ALARM)	DBW104.0
	DBW2.1	O.K.	ALARM	BOOL	AL18 OIL TEMPERATURE TOO HIGH (STOP)	DBW104.1
	DBW2.2	O.K.	ALARM	BOOL	AL19 CONTROL OIL PRESSURE LOW (ALARM)	DBW104.2
	DBW2.3	O.K.	ALARM	BOOL	AL20 CONTROL OIL PRESSURE LOW (STOP)	DBW104.3
	DBW2.4	O.K.	ALARM	BOOL	AL21 LUBE OIL PRESSURE LOW (ALARM)	DBW104.4
	DBW2.5	O.K.	ALARM	BOOL	AL22 LUBE OIL PRESSURE LOW (STOP)	DBW104.5
	DBW2.6	O.K.	ALARM	BOOL	AL23	DBW104.6
	DBW2.7	O.K.	ALARM	BOOL	AL24 OIL MIST FILTER FAN FAILURE	DBW104.7
	DBW2.8	O.K.	ALARM	BOOL	AL25 AUXILIARY OIL PUMP FAILURE	DBW104.8
	DBW2.9	O.K.	ALARM	BOOL	AL26 EMERGENCY OIL PUMP FAILURE	DBW104.9
	DBW2.10	O.K.	ALARM	BOOL	AL27	DBW104.10
	DBW2.11	O.K.	ALARM	BOOL	AL28	DBW104.11
	DBW2.12	O.K.	ALARM	BOOL	AL29 OIL LEVEL LOW (SPARE2)	DBW104.12
	DBW2.13	O.K.	ALARM	BOOL	AL30 OIL HEATER FAILURE (OPTION)	DBW104.13
	DBW2.14	O.K.	ALARM	BOOL	AL31 LIVE STEAM TEMPERATURE TOO LOW (A)	DBW104.14
	DBW2.15	O.K.	ALARM	BOOL	AL32 LIVE STEAM TEMPERATURE TOO LOW (S)	DBW104.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55
	DBW4.0	O.K.	ALARM	BOOL	AL33 LIVE STEAM PRESSURE TOO LOW (A)	DBW106.0
	DBW4.1	O.K.	ALARM	BOOL	AL34 LIVE STEAM PRESSURE TOO LOW (S)	DBW106.1
	DBW4.2	O.K.	ALARM	BOOL	AL35	DBW106.2
	DBW4.3	O.K.	ALARM	BOOL	AL36	DBW106.3
	DBW4.4	O.K.	ALARM	BOOL	AL37 EXHAUST STEAM TEMPERATURE TOO HIGH (A)	DBW106.4
	DBW4.5	O.K.	ALARM	BOOL	AL38 EXHAUST STEAM TEMPERATURE TOO HIGH (S)	DBW106.5
	DBW4.6	O.K.	ALARM	BOOL	AL39 EXHAUST STEAM PRESSURE TOO HIGH (A)	DBW106.6
	DBW4.7	O.K.	ALARM	BOOL	AL40 EXHAUST STEAM PRESSURE TOO HIGH (S)	DBW106.7
	DBW4.8	O.K.	ALARM	BOOL	AL41	DBW106.8
	DBW4.9	O.K.	ALARM	BOOL	AL42	DBW106.9
	DBW4.10	O.K.	ALARM	BOOL	AL43	DBW106.10
	DBW4.11	O.K.	ALARM	BOOL	AL44	DBW106.11
	DBW4.12	O.K.	ALARM	BOOL	AL45	DBW106.12
	DBW4.13	O.K.	ALARM	BOOL	AL46	DBW106.13
	DBW4.14	O.K.	ALARM	BOOL	AL47	DBW106.14
	DBW4.15	O.K.	ALARM	BOOL	AL48	DBW106.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55
	DBW6.0	O.K.	ALARM	BOOL	AL49 OVERSPEED MONITOR FAULT	DBW108.0
	DBW6.1	O.K.	ALARM	BOOL	AL50 OVERSPEED	DBW108.1
	DBW6.2	O.K.	ALARM	BOOL	AL51 ELECTRICAL OVERSPEED (A)	DBW108.2
	DBW6.3	O.K.	ALARM	BOOL	AL52 ELECTRICAL OVERSPEED (S)	DBW108.3
	DBW6.4	O.K.	ALARM	BOOL	AL53 OVERSPEED WOODWARD CONTROL	DBW108.4
	DBW6.5	O.K.	ALARM	BOOL	AL54 ALARM WOODWARD CONTROL	DBW108.5
	DBW6.6	O.K.	ALARM	BOOL	AL55 LIMIT SWITCH QASV OPEN	DBW108.6
	DBW6.7	O.K.	ALARM	BOOL	AL56 STOP VALVE FAILURE	DBW108.7
	DBW6.8	O.K.	ALARM	BOOL	AL57 SPEED SENSOR 1 FAULT	DBW108.8
	DBW6.9	O.K.	ALARM	BOOL	AL58 SPEED SENSOR 2 FAULT	DBW108.9
	DBW6.10	O.K.	ALARM	BOOL	AL59	DBW108.10
	DBW6.11	O.K.	ALARM	BOOL	AL60	DBW108.11
	DBW6.12	O.K.	ALARM	BOOL	AL61	DBW108.12
	DBW6.13	O.K.	ALARM	BOOL	AL62	DBW108.13
	DBW6.14	O.K.	ALARM	BOOL	AL63 TURBINE AXIAL DISPLACEMENT TOO HIGH (A)	DBW108.14
	DBW6.15	O.K.	ALARM	BOOL	AL64 TURBINE AXIAL DISPLACEMENT TOO HIGH (S)	DBW108.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55
	DBW8.0	O.K.	ALARM	BOOL	AL65 TURBINE BEARING 1 TEMP. TOO HIGH (A)	DBW110.0
	DBW8.1	O.K.	ALARM	BOOL	AL66 TURBINE BEARING 1 TEMP. TOO HIGH (S)	DBW110.1
	DBW8.2	O.K.	ALARM	BOOL	AL67 TURBINE BEARING 2 TEMP. TOO HIGH (A)	DBW110.2
	DBW8.3	O.K.	ALARM	BOOL	AL68 TURBINE BEARING 2 TEMP. TOO HIGH (S)	DBW110.3
	DBW8.4	O.K.	ALARM	BOOL	AL69 TURBINE BEARING 1 VIBRATION TOO HIGH (A)	DBW110.4
	DBW8.5	O.K.	ALARM	BOOL	AL70 TURBINE BEARING 1 VIBRATION TOO HIGH (S)	DBW110.5
	DBW8.6	O.K.	ALARM	BOOL	AL71 TURBINE BEARING 2 VIBRATION TOO HIGH (A)	DBW110.6
	DBW8.7	O.K.	ALARM	BOOL	AL72 TURBINE BEARING 2 VIBRATION TOO HIGH (S)	DBW110.7
	DBW8.8	O.K.	ALARM	BOOL	AL73	DBW110.8
	DBW8.9	O.K.	ALARM	BOOL	AL74	DBW110.9
	DBW8.10	O.K.	ALARM	BOOL	AL75	DBW110.10
	DBW8.11	O.K.	ALARM	BOOL	AL76	DBW110.11
	DBW8.12	O.K.	ALARM	BOOL	AL77	DBW110.12
	DBW8.13	O.K.	ALARM	BOOL	AL78	DBW110.13
	DBW8.14	O.K.	ALARM	BOOL	AL79	DBW110.14
	DBW8.15	O.K.	ALARM	BOOL	AL80	DBW110.15

Quelle/from	int.		Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1	Störungsmeldungen/ALARMS	DB55
	DBW10.0	O.K.	ALARM	AL81	DBW112.0
	DBW10.1	O.K.	ALARM	AL82	DBW112.1
	DBW10.2	O.K.	ALARM	AL83 GEAR BEARING 1 TEMP. TOO HIGH (A)	DBW112.2
	DBW10.3	O.K.	ALARM	AL84 GEAR BEARING 1 TEMP. TOO HIGH (S)	DBW112.3
	DBW10.4	O.K.	ALARM	AL85 GEAR BEARING 2 TEMP. TOO HIGH (A)	DBW112.4
	DBW10.5	O.K.	ALARM	AL86 GEAR BEARING 2 TEMP. TOO HIGH (S)	DBW112.5
	DBW10.6	O.K.	ALARM	AL87 GEAR BEARING 3 TEMP. TOO HIGH (A)	DBW112.6
	DBW10.7	O.K.	ALARM	AL88 GEAR BEARING 3 TEMP. TOO HIGH (S)	DBW112.7
	DBW10.8	O.K.	ALARM	AL89 GEAR BEARING 4 TEMP. TOO HIGH (A)	DBW112.8
	DBW10.9	O.K.	ALARM	AL90 GEAR BEARING 4 TEMP. TOO HIGH (S)	DBW112.9
	DBW10.10	O.K.	ALARM	AL91 GEAR BOX 1 VIBRATION TOO HIGH (A)	DBW112.10
	DBW10.11	O.K.	ALARM	AL92 GEAR BOX 1 VIBRATION TOO HIGH (S)	DBW112.11
	DBW10.12	O.K.	ALARM	AL93 GEAR BOX 2 VIBRATION TOO HIGH (A)	DBW112.12
	DBW10.13	O.K.	ALARM	AL94 GEAR BOX 2 VIBRATION TOO HIGH (S)	DBW112.13
	DBW10.14	O.K.	ALARM	AL95	DBW112.14
	DBW10.15	O.K.	ALARM	AL96	DBW112.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55	
	DBW12.0	O.K.	ALARM	BOOL	AL97	DBW114.0	
	DBW12.1	O.K.	ALARM	BOOL	AL98	DBW114.1	
	DBW12.2	O.K.	ALARM	BOOL	AL99	DBW114.2	
	DBW12.3	O.K.	ALARM	BOOL	AL100	DBW114.3	
	DBW12.4	O.K.	ALARM	BOOL	AL101	DBW114.4	
	DBW12.5	O.K.	ALARM	BOOL	AL102	DBW114.5	
	DBW12.6	O.K.	ALARM	BOOL	AL103	DBW114.6	
	DBW12.7	O.K.	ALARM	BOOL	AL104	DBW114.7	
	DBW12.8	O.K.	ALARM	BOOL	AL105	DBW114.8	
	DBW12.9	O.K.	ALARM	BOOL	AL106	DBW114.9	
	DBW12.10	O.K.	ALARM	BOOL	AL107	DBW114.10	
	DBW12.11	O.K.	ALARM	BOOL	AL108 GEN OVERCURRENT	DBW114.11	
	DBW12.12	O.K.	ALARM	BOOL	AL109 GEN SHORT CIRCUIT	DBW114.12	
	DBW12.13	O.K.	ALARM	BOOL	AL110 GEN OVERVOLTAGE	DBW114.13	
	DBW12.14	O.K.	ALARM	BOOL	AL111 GEN REVERSE POWER	DBW114.14	
	DBW12.15	O.K.	ALARM	BOOL	AL112 DIFF PROTECTION	DBW114.15	

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55	
	DBW14.0	O.K.	ALARM	BOOL	AL113 MV-PANEL MCB TRIP	DBW116.0	
	DBW14.1	O.K.	ALARM	BOOL	AL114 EXTERNAL EARTH FAULT 59VO	DBW116.1	
	DBW14.2	O.K.	ALARM	BOOL	AL115 GEN EARTHING SWITCH CLOSED	DBW116.2	
	DBW14.3	O.K.	ALARM	BOOL	AL116 MAINS FAILURE DV601	DBW116.3	
	DBW14.4	O.K.	ALARM	BOOL	AL117 MAINS FAILURE	DBW116.4	
	DBW14.5	O.K.	ALARM	BOOL	AL118 SYN. TIME TOO LONG	DBW116.5	
	DBW14.6	O.K.	ALARM	BOOL	AL119 GENERATOR CIRCUIT BREAKER OFF FAILURE	DBW116.6	
	DBW14.7	O.K.	ALARM	BOOL	AL120 EARTH FAULT ALARM	DBW116.7	
	DBW14.8	O.K.	ALARM	BOOL	AL121 EARTH FAULT STOP	DBW116.8	
	DBW14.9	O.K.	ALARM	BOOL	AL122	DBW116.9	
	DBW14.10	O.K.	ALARM	BOOL	AL123 GENERATOR WINDING 1 TEMP. TOO HIGH (A)	DBW116.10	
	DBW14.11	O.K.	ALARM	BOOL	AL124 GENERATOR WINDING 1 TEMP. TOO HIGH (S)	DBW116.11	
	DBW14.12	O.K.	ALARM	BOOL	AL125 GENERATOR WINDING 2 TEMP. TOO HIGH (A)	DBW116.12	
	DBW14.13	O.K.	ALARM	BOOL	AL126 GENERATOR WINDING 2 TEMP. TOO HIGH (S)	DBW116.13	
	DBW14.14	O.K.	ALARM	BOOL	AL127 GENERATOR WINDING 3 TEMP. TOO HIGH (A)	DBW116.14	
	DBW14.15	O.K.	ALARM	BOOL	AL128 GENERATOR WINDING 3 TEMP. TOO HIGH (S)	DBW116.15	

Quelle/from	int.		Typ/type	Bemerkung / Kommentar/Remarks	ext.
FLAG	DB 17	BIT 0	BIT 1	Störungsmeldungen/ALARMS	DB55
	DBW16.0	O.K.	ALARM	AL129 GENERATOR BEARING 1 TEMP. TOO HIGH (A)	DBW118.0
	DBW16.1	O.K.	ALARM	AL130 GENERATOR BEARING 1 TEMP. TOO HIGH (S)	DBW118.1
	DBW16.2	O.K.	ALARM	AL131 GENERATOR BEARING 2 TEMP. TOO HIGH (A)	DBW118.2
	DBW16.3	O.K.	ALARM	AL132 GENERATOR BEARING 2 TEMP. TOO HIGH (S)	DBW118.3
	DBW16.4	O.K.	ALARM	AL133 GENERATOR BEARING 1 VIBRATION TOO HIGH (A)	DBW118.4
	DBW16.5	O.K.	ALARM	AL134 GENERATOR BEARING 1 VIBRATION TOO HIGH (S)	DBW118.5
	DBW16.6	O.K.	ALARM	AL135 GENERATOR BEARING 2 VIBRATION TOO HIGH (A)	DBW118.6
	DBW16.7	O.K.	ALARM	AL136 GENERATOR BEARING 2 VIBRATION TOO HIGH (S)	DBW118.7
	DBW16.8	O.K.	ALARM	AL137	DBW118.8
	DBW16.9	O.K.	ALARM	AL138	DBW118.9
	DBW16.10	O.K.	ALARM	AL139	DBW118.10
	DBW16.11	O.K.	ALARM	AL140	DBW118.11
	DBW16.12	O.K.	ALARM	AL141	DBW118.12
	DBW16.13	O.K.	ALARM	AL142	DBW118.13
	DBW16.14	O.K.	ALARM	AL143	DBW118.14
	DBW16.15	O.K.	ALARM	AL144	DBW118.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
FLAG	DB 17	BIT 0	BIT 1		Störungsmeldungen/ALARMS	DB55	
	DBW18.0	O.K.	ALARM	BOOL	AL145 GEN ACTIVE POWER MIN	DBW120.0	
	DBW18.1	O.K.	ALARM	BOOL	AL146 GEN ACTIVE POWER MAX	DBW120.1	
	DBW18.2	O.K.	ALARM	BOOL	AL147	DBW120.2	
	DBW18.3	O.K.	ALARM	BOOL	AL148	DBW120.3	
	DBW18.4	O.K.	ALARM	BOOL	AL149	DBW120.4	
	DBW18.5	O.K.	ALARM	BOOL	AL150	DBW120.5	
	DBW18.6	O.K.	ALARM	BOOL	AL151	DBW120.6	
	DBW18.7	O.K.	ALARM	BOOL	AL152	DBW120.7	
	DBW18.8	O.K.	ALARM	BOOL	AL153	DBW120.8	
	DBW18.9	O.K.	ALARM	BOOL	AL154	DBW120.9	
	DBW18.10	O.K.	ALARM	BOOL	AL155	DBW120.10	
	DBW18.11	O.K.	ALARM	BOOL	AL156	DBW120.11	
	DBW18.12	O.K.	ALARM	BOOL	AL157	DBW120.12	
	DBW18.13	O.K.	ALARM	BOOL	AL158	DBW120.13	
	DBW18.14	O.K.	ALARM	BOOL	AL159	DBW120.14	
	DBW18.15	O.K.	ALARM	BOOL	AL160	DBW120.15	

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
Digital	DB 16	BIT 0	BIT 1		Betriebsmeldungen/EVENTS	DB55	
.0	DBW0.0	-	-	BOOL	OPERATION MODE OFF	DBW122.0	
.1	DBW0.1	-	-	BOOL	OPERATION MODE MANUAL	DBW122.1	
.2	DBW0.2	-	-	BOOL	OPERATION MODE AUTOMATIC	DBW122.2	
.3	DBW0.3	-	-	BOOL	INT. STARTDEMAND	DBW122.3	
.4	DBW0.4	-	-	BOOL		DBW122.4	
.5	DBW0.5	-	-	BOOL		DBW122.5	
.6	DBW0.6	-	-	BOOL		DBW122.6	
.7	DBW0.7	-	-	BOOL		DBW122.7	
M100 .0	DBW0.8	-	-	BOOL		DBW122.8	
M100 .1	DBW0.9	-	-	BOOL		DBW122.9	
M100 .2	DBW0.10	-	-	BOOL		DBW122.10	
M100 .3	DBW0.11	-	-	BOOL		DBW122.11	
M100 .4	DBW0.12	-	-	BOOL		DBW122.12	
M100 .5	DBW0.13	-	-	BOOL		DBW122.13	
M100 .6	DBW0.14	-	-	BOOL		DBW122.14	
M100 .7	DBW0.15	-	-	BOOL		DBW122.15	

Quelle/from	int.		Typ/type	Bemerkung / Kommentar/Remarks	ext.
Digital	DB16	BIT 0	BIT 1	Betriebsmeldungen/EVENTS	DB55
I124 .0	DBW2.0	OFF	ON	MAINS CB FEEDBACK ON	DBW124.0
I124 .1	DBW2.1	OFF	ON	GEN CB FEEDBACK ON	DBW124.1
I124 .2	DBW2.2	OFF	U>80%	MAINS VOLTAGE CONTROLLER ON	DBW124.2
I124 .3	DBW2.3	OFF	U>80%	GEN U > 80%	DBW124.3
I124 .4	DBW2.4	-	-	BUSBAR VOLTAGE CONTROLLER ON	DBW124.4
I124 .5	DBW2.5	-	-	-	DBW124.5
I124 .6	DBW2.6	-	-	-	DBW124.6
I124 .7	DBW2.7	-	-	-	DBW124.7
I125 .0	DBW2.8		EVEN HIGH	SYN.-OPERATION	DBW124.8
I125 .1	DBW2.9		EVEN HIGH	PARALLEL-OPERATION	DBW124.9
I125 .2	DBW2.10	LOCAL	REMOTE	0= LOCAL / 1= REMOTE	DBW124.10
I125 .3	DBW2.11	-	-	-	DBW124.11
I125 .4	DBW2.12	OFF	ON	EMERGENCY OIL PUMPE OPERATION	DBW124.12
I125 .5	DBW2.13	-	-	-	DBW124.13
I125 .6	DBW2.14	OFF	ON	AUXILIARY OIL PUMPE RUNNING	DBW124.14
I125 .7	DBW2.15	-	-	-	DBW124.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
Digital	DB 16	BIT 0	BIT 1		Betriebsmeldungen/EVENTS	DB55
O 124 .0	DBW4.0	STOP	START	BOOL	0-STOP / 1-START	DBW126.0
O 124 .1	DBW4.1	OFF	ON	BOOL	BUZZER	DBW126.1
O 124 .2	DBW4.2	ALARM	OFF	BOOL	COLLECTIVE FAULT WARNING OFF	DBW126.2
O 124 .3	DBW4.3	ALARM	OFF	BOOL	COLLECTIVE FAULT STOP OFF	DBW126.3
O 124 .4	DBW4.4	-	CLOSING	BOOL	GEN CB CLOSING PULS	DBW126.4
O 124 .5	DBW4.5	OFF	READY	BOOL	GEN CB 0-OFF / 1-RELEASE	DBW126.5
O 124 .6	DBW4.6	-	CLOSING	BOOL	MAINS CB CLOSING PULS	DBW126.6
O 124 .7	DBW4.7	READY	OFF	BOOL	MAINS CB 0-RELEASE / 1-OFF	DBW126.7
O 125 .0	DBW4.8	BLOCKED	BLOCKED	BOOL	MULTIPLEXER 1	DBW126.8
O 125 .1	DBW4.9	BLOCKED	BLOCKED	BOOL	MULTIPLEXER 2	DBW126.9
O 125 .2	DBW4.10	BLOCKED	BLOCKED	BOOL	MULTIPLEXER 3	DBW126.10
O 125 .3	DBW4.11	BLOCKED	BLOCKED	BOOL	MULTIPLEXER 4	DBW126.11
O 125 .4	DBW4.12	OFF	ON	BOOL	SYN. RELEASE	DBW126.12
O 125 .5	DBW4.13	OFF	ON	BOOL	TURBINE OPERATION	DBW126.13
O 125 .6	DBW4.14	OFF	ON	BOOL	PARALLELOPERATION	DBW126.14
O 125 .7	DBW4.15	-	-	BOOL	-	DBW126.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
Digital	DB 16	BIT 0	BIT 1		Betriebsmeldungen/EVENTS	DB55	
O 0 .0	DBW6.0	OFF	ON	BOOL	GEN EXCITATION ON	DBW128.0	
O 0 .1	DBW6.1	OFF	ON	BOOL	WOODWARD 505 START PULS	DBW128.1	
O 0 .2	DBW6.2	OFF	ON	BOOL	WOODWARD 505 STOP PULS	DBW128.2	
O 0 .3	DBW6.3	OFF	ON	BOOL	WOODWARD 505 RESET	DBW128.3	
O 0 .4	DBW6.4	OFF	ON	BOOL	WOODWARD 505 RELEASE PRESSURE CONTROL ON	DBW128.4	
O 0 .5	DBW6.5	OFF	O.K.	BOOL	PLC MONITORING OK	DBW128.5	
O 0 .6	DBW6.6		PULS	BOOL	STARTCOUNTER	DBW128.6	
O 0 .7	DBW6.7	OFF	ON	BOOL	SIGNAL TEST	DBW128.7	
O 1 .0	DBW6.8	OFF	ON	BOOL	AUXILIARY OIL PUMP AUTO ON/OFF	DBW128.8	
O 1 .1	DBW6.9	OFF	ON	BOOL	EXTERNAL / INTERNAL SETPOINT	DBW128.9	
O 1 .2	DBW6.10	OFF	ON	BOOL	OVERSPEED RESET	DBW128.10	
O 1 .3	DBW6.11	OFF	ON	BOOL	DISCHARGE POWER	DBW128.11	
O 1 .4	DBW6.12	OFF	ON	BOOL	AUX CONTROL ON	DBW128.12	
O 1 .5	DBW6.13			BOOL	-	DBW128.13	
O 1 .6	DBW6.14			BOOL	-	DBW128.14	
O 1 .7	DBW6.15			BOOL	-	DBW128.15	

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.	
Digital	DB 16	BIT 0	BIT 1		Betriebsmeldungen/EVENTS	DB55	
O 2 .0	DBW8.0	-	-	BOOL	-	DBW130.0	
O 2 .1	DBW8.1	-	-	BOOL	-	DBW130.1	
O 2 .2	DBW8.2	-	-	BOOL	-	DBW130.2	
O 2 .3	DBW8.3	-	-	BOOL	-	DBW130.3	
O 2 .4	DBW8.4	-	-	BOOL	SYN-SELECTION GEN BUSBAR	DBW130.4	
O 2 .5	DBW8.5	-	-	BOOL	SYN-SELECTION MAINS BUSBAR	DBW130.5	
O 2 .6	DBW8.6	-	-	BOOL	-	DBW130.6	
O 2 .7	DBW8.7	ON	OFF	BOOL	EMERGENCY OIL PUMP ON	DBW130.7	
O 3 .0	DBW8.8	-	-	BOOL	-	DBW130.8	
O 3 .1	DBW8.9	-	-	BOOL	-	DBW130.9	
O 3 .2	DBW8.10	-	-	BOOL	-	DBW130.10	
O 3 .3	DBW8.11	-	-	BOOL	-	DBW130.11	
O 3 .4	DBW8.12	-	-	BOOL	-	DBW130.12	
O 3 .5	DBW8.13	-	-	BOOL	-	DBW130.13	
O 3 .6	DBW8.14	-	-	BOOL	-	DBW130.14	
O 3 .7	DBW8.15	-	-	BOOL	-	DBW130.15	

Quelle/from	int.	BIT 0		BIT 1	Typ/type	Bemerkung / Kommentar/Remarks	ext.
Digital	DB 16					Betriebsmeldungen/EVENTS	DB55
.0	DBW10.0	-		-	BOOL	-	DBW132.0
.1	DBW10.1	-		-	BOOL	-	DBW132.1
.2	DBW10.2	-		-	BOOL	-	DBW132.2
.3	DBW10.3	-		-	BOOL	-	DBW132.3
.4	DBW10.4	-		-	BOOL	-	DBW132.4
.5	DBW10.5	-		-	BOOL	-	DBW132.5
.6	DBW10.6	-		-	BOOL	-	DBW132.6
.7	DBW10.7	-		-	BOOL	-	DBW132.7
.0	DBW10.8	-		-	BOOL	-	DBW132.8
.1	DBW10.9	-		-	BOOL	-	DBW132.9
.2	DBW10.10	-		-	BOOL	-	DBW132.10
.3	DBW10.11	-		-	BOOL	-	DBW132.11
.4	DBW10.12	-		-	BOOL	-	DBW132.12
.5	DBW10.13	-		-	BOOL	-	DBW132.13
.6	DBW10.14	-		-	BOOL	-	DBW132.14
.7	DBW10.15	-		-	BOOL	-	DBW132.15

Quelle/from	int.			Typ/type	Bemerkung / Kommentar/Remarks	ext.
Digital	DB 16	BIT 0	BIT 1		Betriebsmeldungen/EVENTS	DB55
.0	DBW12.0	-	-	BOOL	-	DBW134.0
.1	DBW12.1	-	-	BOOL	-	DBW134.1
.2	DBW12.2	-	-	BOOL	-	DBW134.2
.3	DBW12.3	-	-	BOOL	-	DBW134.3
.4	DBW12.4	-	-	BOOL	-	DBW134.4
.5	DBW12.5	-	-	BOOL	-	DBW134.5
.6	DBW12.6	-	-	BOOL	-	DBW134.6
.7	DBW12.7	-	-	BOOL	-	DBW134.7
.0	DBW12.8	-	-	BOOL	-	DBW134.8
.1	DBW12.9	-	-	BOOL	-	DBW134.9
.2	DBW12.10	-	-	BOOL	-	DBW134.10
.3	DBW12.11	-	-	BOOL	-	DBW134.11
.4	DBW12.12	-	-	BOOL	-	DBW134.12
.5	DBW12.13	-	-	BOOL	-	DBW134.13
.6	DBW12.14	-	-	BOOL	-	DBW134.14
.7	DBW12.15	-	-	BOOL	-	DBW134.15

Quelle/from	int.		Typ/type	Bemerkung / Kommentar/Remarks	ext.
				RECEIVE DATA	DB56
	0..60 barg	x 1	RECEIVE	SETPOINT LIVE STEAM PRESSURE	DBW0
	0..3200 kW	x 1	RECEIVE	SETPOINT AUX CONTROL	DBW2
	0..32000	x 1	RECEIVE	WATCHDOG COUNTER	DBW4
			RECEIVE	-	DBW6
			RECEIVE	-	DBW8
			RECEIVE	-	DBW10
			RECEIVE	-	DBW12
			RECEIVE	-	DBW14
			RECEIVE	-	DBW16
			RECEIVE	-	DBW18
		START	RECEIVE	TURBINE REMOTE START	DBW20.0
		STOP	RECEIVE	TURBINE REMOTE STOP	DBW20.1
		-	RECEIVE	-	DBW20.2
		-	RECEIVE	-	DBW20.3
		-	RECEIVE	-	DBW20.4
		-	RECEIVE	-	DBW20.5
		-	RECEIVE	-	DBW20.6
		-	RECEIVE	-	DBW20.7
		-	RECEIVE	-	DBW20.8
		-	RECEIVE	-	DBW20.9
		-	RECEIVE	-	DBW20.10
		-	RECEIVE	-	DBW20.11
		-	RECEIVE	-	DBW20.12
		-	RECEIVE	-	DBW20.13
		-	RECEIVE	-	DBW20.14
		-	RECEIVE	-	DBW20.15