

## ModBus / ProfiBus / SpaBus events

Software version: 6.23

EVENT			NOTE	VAMP TYPE									
Profibus Modbus	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code		Event name									
0	0	0	NONE		X	X	X	X	X	X	X	X	X
1	0	1	DI1 ON		X	X	X	X	X	X	X	X	X
2	0	2	DI1 OFF		X	X	X	X	X	X	X	X	X
3	0	3	DI2 ON		X	X	X	X	X	X	X	X	X
4	0	4	DI2 OFF		X	X	X	X	X	X	X	X	X
5	0	5	DI3 ON			X	X	X	X	X	X	X	X
6	0	6	DI3 OFF			X	X	X	X	X	X	X	X
7	0	7	DI4 ON				X	X	X	X	X	X	X
8	0	8	DI4 OFF				X	X	X	X	X	X	X
9	0	9	DI5 ON				X	X	X	X	X	X	X
10	0	10	DI5 OFF				X	X	X	X	X	X	X
11	0	11	DI6 ON				X	X	X	X	X	X	X
12	0	12	DI6 OFF				X	X	X	X	X	X	X
13	0	13	DI7 ON							X	X	X	
14	0	14	DI7 OFF							X	X	X	
15	0	15	DI8 ON							X	X	X	
16	0	16	DI8 OFF							X	X	X	
17	0	17	DI9 ON							X	X	X	
18	0	18	DI9 OFF							X	X	X	
19	0	19	DI10 ON							X	X	X	
20	0	20	DI10 OFF							X	X	X	

EVENT				NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
21	0	21	DI11 ON						X	X	X			
22	0	22	DI11 OFF						X	X	X			
23	0	23	DI12 ON						X	X	X			
24	0	24	DI12 OFF						X	X	X			
25	0	25	DI13 ON						X	X	X			
26	0	26	DI13 OFF						X	X	X			
27	0	27	DI14 ON						X	X	X			
28	0	28	DI14 OFF						X	X	X			
29	0	29	DI15 ON						X	X	X			
30	0	30	DI15 OFF						X	X	X			
31	0	31	DI16 ON						X	X	X			
32	0	32	DI16 OFF						X	X	X			
33	0	33	DI17 ON						X	X	X			
34	0	34	DI17 OFF						X	X	X			
35	0	35	DI18 ON						X	X	X			
36	0	36	DI18 OFF						X	X	X			
37	0	37	DI19 ON	Option card: DI19/DI20			X	X	X	X	X	X		X
38	0	38	DI19 OFF				X	X	X	X	X	X		X
39	0	39	DI20 ON				X	X	X	X	X	X		X
40	0	40	DI20 OFF				X	X	X	X	X	X		X
48	0	48	DISTURBANCE RECORDER READY		X	X	X	X	X	X	X	X	X	X
49	0	49	NEW FAULT REACTANCE				X	X		X	X	X		
50	0	50	DEVICE_HAS_RESTARTED		X	X	X	X	X	X	X	X	X	X
51	0	51	BUFFER_OVERFLOW		X	X	X	X	X	X	X	X	X	X
52	0	52	RESERVED_BY_SPABUS_MASTER52		X	X	X	X	X	X	X	X	X	X
53	0	53	RESERVED_BY_SPABUS_MASTER53		X	X	X	X	X	X	X	X	X	X

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Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
54	0	54	RESERVED_BY_SPABUS_MASTER54	X	X	X	X	X	X	X	X	X	X
56	0	56	SELFDIAGNOSTIC_ON	X	X	X	X	X	X	X	X	X	X
57	0	57	SELFDIAGONSTIC_OFF	X	X	X	X	X	X	X	X	X	X
58	0	58	Trip L1 on	X		X	X	X	X	X	X		X
59	0	59	Trip L1 off	X		X	X	X	X	X	X		X
60	0	60	Trip L2 on	X		X	X	X	X	X	X		X
61	0	61	Trip L2 off	X		X	X	X	X	X	X		X
62	0	62	Trip L3 on	X		X	X	X	X	X	X		X
63	0	63	Trip L3 off	X		X	X	X	X	X	X		X
65	1	1	I> Start On	X		X	X	X	X	X	X		X
66	1	2	I> Trip On	X		X	X	X	X	X	X		X
67	1	3	I> Start Off	X		X	X	X	X	X	X		X
68	1	4	I> Trip Off	X		X	X	X	X	X	X		X
129	2	1	I>> Start On	X		X	X	X	X	X	X		X
130	2	2	I>> Trip On	X		X	X	X	X	X	X		X
131	2	3	I>> Start Off	X		X	X	X	X	X	X		X
132	2	4	I>> Trip Off	X		X	X	X	X	X	X		X
193	3	1	I>>> Start On	X		X	X	X	X	X	X		
194	3	2	I>>> Trip On	X		X	X	X	X	X	X		
195	3	3	I>>> Start Off	X		X	X	X	X	X	X		
196	3	4	I>>> Trip Off	X		X	X	X	X	X	X		
257	4	1	Iv> Start On			X							

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	Channel	Code												Event name	
258	4	2	Iv> Trip On			X									
259	4	3	Iv> Start Off			X									
260	4	4	Iv> Trip Off			X									
321	5	1	I2> Start On	X		X	X	X	X	X	X				
322	5	2	I2> Trip On	X		X	X	X	X	X	X				
323	5	3	I2> Start Off	X		X	X	X	X	X	X				
324	5	4	I2> Trip Off	X		X	X	X	X	X	X				
386	6	2	IDiff> Trip On										X		
388	6	4	IDiff> Trip Off										X		
450	7	2	IDiff>> Trip On										X		
452	7	4	IDiff>> Trip Off										X		
513	8	1	IDir> Start On			X	X		X	X	X				
514	8	2	IDir> Trip On			X	X		X	X	X				
515	8	3	IDir> Start Off			X	X		X	X	X				
516	8	4	IDir> Trip Off			X	X		X	X	X				
577	9	1	IDir>> Start On			X	X		X	X	X				
578	9	2	IDir>> Trip On			X	X		X	X	X				
579	9	3	IDir>> Start Off			X	X		X	X	X				
580	9	4	IDir>> Trip Off			X	X		X	X	X				
641	10	1	IDir>>> Start On			X	X		X	X	X				
642	10	2	IDir>>> Trip On			X	X		X	X	X				

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Profibus Modbus Code	SPA bus			Event name	40	96	210	230	245	255	257	259	260	265
	Channel	Code												
643	10	3	IDir>>> Start Off			X	X		X	X	X			
644	10	4	IDir>>> Trip Off			X	X		X	X	X			
705	11	1	IDir>>>> Start On			X	X		X	X	X			
706	11	2	IDir>>>> Trip On			X	X		X	X	X			
707	11	3	IDir>>>> Start Off			X	X		X	X	X			
708	11	4	IDir>>>> Trip Off			X	X		X	X	X			
770	12	2	ARC_I_TRIP_ON	ARC CARD	X		X	X	X	X	X	X		X
772	12	4	ARC_I_TRIP_OFF		X		X	X	X	X	X	X		X
833	13	1	I< Start On		X		X	X	X	X	X	X		
834	13	2	I< Trip On		X		X	X	X	X	X	X		
835	13	3	I< Start Off		X		X	X	X	X	X	X		
836	13	4	I< Trip Off		X		X	X	X	X	X	X		
897	14	1	T> Start On		X		X	X	X	X	X	X		X
898	14	2	T> Trip On		X		X	X	X	X	X	X		X
899	14	3	T> Start Off		X		X	X	X	X	X	X		X
900	14	4	T> Trip Off		X		X	X	X	X	X	X		X
962	15	2	ARC_Ib_TRIP_ON	ARC CARD										X
964	15	4	ARC_Ib_TRIP_OFF											
1025	16	1	Ist> Start On	MOTOR OPTION	X			X	X	X	X	X		
1026	16	2	Ist> Trip On		X			X	X	X	X	X		
1027	16	3	Ist> Start Off		X			X	X	X	X	X		

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	Channel	Code												
1028	16	4	Ist> Trip Off		X		X	X	X	X	X			
1089	17	1	NOT IN USE											
1090	17	2	NOT IN USE											
1091	17	3	NOT IN USE											
1092	17	4	NOT IN USE											
1153	18	1	I2>> Start On	MOTOR OPTION	X		X	X	X	X	X			
1154	18	2	I2>> Trip On		X		X	X	X	X	X			
1155	18	3	I2>> Start Off		X		X	X	X	X	X			
1156	18	4	I2>> Trip Off		X		X	X	X	X	X			
1217	19	1	COMMON OVERCURRENT START ON		X		X	X	X	X	X		X	
1218	19	2	COMMON OVERCURRENT TRIP ON		X		X	X	X	X	X		X	
1219	19	3	COMMON OVERCURRENT START OFF		X		X	X	X	X	X		X	
1220	19	4	COMMON OVERCURRENT TRIP OFF		X		X	X	X	X	X		X	
1281	20	1	Io> Start On		X		X	X	X	X	X		X	
1282	20	2	Io> Trip On		X		X	X	X	X	X		X	
1283	20	3	Io> Start Off		X		X	X	X	X	X		X	
1284	20	4	Io> Trip Off		X		X	X	X	X	X		X	
1345	21	1	Io>> Start On		X		X	X	X	X	X		X	
1346	21	2	Io>> Trip On		X		X	X	X	X	X		X	
1347	21	3	Io>> Start Off		X		X	X	X	X	X		X	
1348	21	4	Io>> Trip Off		X		X	X	X	X	X		X	

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Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
1409	22	1	NOT IN USE										
1410	22	2	NOT IN USE										
1411	22	3	NOT IN USE										
1412	22	4	NOT IN USE										
1473	23	1	IoDir> Start On	X		X	X	X	X	X	X		
1474	23	2	IoDir> Trip On	X		X	X	X	X	X	X		
1475	23	3	IoDir> Start Off	X		X	X	X	X	X	X		
1476	23	4	IoDir> Trip Off	X		X	X	X	X	X	X		
1537	24	1	IoDir>> Start On	X		X	X	X	X	X	X		
1538	24	2	IoDir>> Trip On	X		X	X	X	X	X	X		
1539	24	3	IoDir>> Start Off	X		X	X	X	X	X	X		
1540	24	4	IoDir>> Trip Off	X		X	X	X	X	X	X		
1601	25	1	Io>>> Start On	X		X	X	X	X	X	X		X
1602	25	2	Io>>> Trip On	X		X	X	X	X	X	X		X
1603	25	3	Io>>> Start Off	X		X	X	X	X	X	X		X
1604	25	4	Io>>> Trip Off	X		X	X	X	X	X	X		X
1611	25	11	Io>>> Capacitor Bank Unb. Trig On				X	X	X	X	X		X
1612	25	12	Io>>> Capacitor Bank Unb. Trig Off				X	X	X	X	X		X
1665	26	1	Io>>>> Start On	X		X	X	X	X	X	X		X
1666	26	2	Io>>>> Trip On	X		X	X	X	X	X	X		X
1667	26	3	Io>>>> Start Off	X		X	X	X	X	X	X		X
1668	26	4	Io>>>> Trip Off	X		X	X	X	X	X	X		X
1675	26	11	Io>>>> Capacitor Bank Unb. Trig On				X	X	X	X	X		

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	Channel	Code												
1676	26	12	Io>>>> Capacitor Bank Unb. Trig Off				X	X	X	X	X			
1730	27	2	ARC_Io_TRIP_ON	ARC CARD	X		X	X	X	X	X	X	X	
1732	27	4	ARC_Io_TRIP_OFF		X		X	X	X	X	X	X	X	
1794	28	2	ARC_Io2_TRIP_ON	ARC CARD	X		X	X	X	X	X	X	X	
1796	28	4	ARC_Io2_TRIP_OFF		X		X	X	X	X	X	X	X	
1857	29	1	Uof3< Start On			X								
1858	29	2	Uof3< Trip On			X								
1859	29	3	Uof3< Start Off			X								
1860	29	4	Uof3< Trip Off			X								
1921	30	1	U> Start On			X	X		X	X	X			
1922	30	2	U> Trip On			X	X		X	X	X			
1923	30	3	U> Start Off			X	X		X	X	X			
1924	30	4	U> Trip Off			X	X		X	X	X			
1985	31	1	U>> Start On			X	X		X	X	X			
1986	31	2	U>> Trip On			X	X		X	X	X			
1987	31	3	U>> Start Off			X	X		X	X	X			
1988	31	4	U>> Trip Off			X	X		X	X	X			
2049	32	1	U< Start On				X		X	X	X			
2050	32	2	U< Trip On				X		X	X	X			
2051	32	3	U< Start Off				X		X	X	X			
2052	32	4	U< Trip Off				X		X	X	X			

EVENT			NOTE	VAMP TYPE										
Profibus Modbus Code	SPA bus			Event name	40	96	210	230	245	255	257	259	260	265
	Channel	Code												
2113	33	1	U<< Start On				X		X	X	X			
2114	33	2	U<< Trip On				X		X	X	X			
2115	33	3	U<< Start Off				X		X	X	X			
2116	33	4	U<< Trip Off				X		X	X	X			
2177	34	1	U1< Start On			X								
2178	34	2	U1< Trip On			X								
2179	34	3	U1< Start Off			X								
2180	34	4	U1< Trip Off			X								
						X								
2241	35	1	U1<< Start On											
2242	35	2	U1<< Trip On			X								
2243	35	3	U1<< Start Off			X								
2244	35	4	U1<< Trip Off			X								
2305	36	1	Uo> Start On		X	X	X	X	X	X	X	X		
2306	36	2	Uo> Trip On		X	X	X	X	X	X	X	X		
2307	36	3	Uo> Start Off		X	X	X	X	X	X	X	X		
2308	36	4	Uo> Trip Off		X	X	X	X	X	X	X	X		
2369	37	1	Uo>> Start On		X	X	X	X	X	X	X	X		
2370	37	2	Uo>> Trip On		X	X	X	X	X	X	X	X		
2371	37	3	Uo>> Start Off		X	X	X	X	X					
2372	37	4	Uo>> Trip Off		X	X	X	X	X	X	X	X		
2433	38	1	U>>> Start On				X		X	X	X			

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Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
2434	38	2	U>>> Trip On				X		X	X	X		
2435	38	3	U>>> Start Off				X		X	X	X		
2436	38	4	U>>> Trip Off				X		X	X	X		
2497	39	1	U<<< Start On				X		X	X	X		
2498	39	2	U<<< Trip On				X		X	X	X		
2499	39	3	U<<< Start Off				X		X	X	X		
2500	39	4	U<<< Trip Off				X		X	X	X		
2561	40	1	P< Start On			X	X		X	X	X		
2562	40	2	P< Trip On			X	X		X	X	X		
2563	40	3	P< Start Off			X	X		X	X	X		
2564	40	4	P< Trip Off			X	X		X	X	X		
2625	41	1	P<< Start On			X	X		X	X	X		
2626	41	2	P<< Trip On			X	X		X	X	X		
2627	41	3	P<< Start Off			X	X		X	X	X		
2628	41	4	P<< Trip Off			X	X		X	X	X		
2689	42	1	Q< Start On			X							
2690	42	2	Q< Trip On			X							
2691	42	3	Q< Start Off			X							
2692	42	4	Q< Trip Off			X							
2753	43	1	Z< Start On			X							
2754	43	2	Z< Trip On			X							
2755	43	3	Z< Start Off			X							

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Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
2756	43	4	Z< Trip Off			X								
2817	44	1	Z<< Start On			X								
2818	44	2	Z<< Trip On			X								
2819	44	3	Z<< Start Off			X								
2820	44	4	Z<< Trip Off			X								
2881	45	1	ARC_L_ON	ARC CARD	X		X	X	X	X	X	X	X	
2882	45	2	DELAYED_L_OVER_ON		X		X	X	X	X	X	X	X	X
2883	45	3	ARC_L_OFF		X		X	X	X	X	X	X	X	X
2884	45	4	DELAYED_L_OVER_OFF		X		X	X	X	X	X	X	X	X
2885	45	5	ARC SENSOR 1 FAULT ON		X		X	X	X	X	X	X	X	X
2886	45	6	ARC SENSOR 2 FAULT ON		X		X	X	X	X	X	X	X	X
2887	45	7	BI/O FAULT ON											
2888	45	8	ARC SENSOR 1 FAULT OFF		X		X	X	X	X	X	X	X	X
2889	45	9	ARC SENSOR 2 FAULT OFF		X		X	X	X	X	X	X	X	X
2890	45	10	BI/O FAULT OFF											
2891	45	11	ARC CARD FAULT		X		X	X	X	X	X	X	X	X
2901	45	21	ARC SENSOR 1 ON											
2902	45	22	ARC SENSOR 2 ON											
2903	45	23	BI ON											
2904	45	24	ARC SENSOR 1 OFF											
2905	45	25	ARC SENSOR 1 OFF											
2906	45	26	BI OFF											
2945	46	1	Programmable stage 1 start on		X	X	X	X	X	X	X	X	X	
2946	46	2	Programmable stage 1 trip on		X	X	X	X	X	X	X	X	X	

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2947	46	3	Programmable stage 1 start off	X	X	X	X	X	X	X	X	X	X
2948	46	4	Programmable stage 1 trip off	X	X	X	X	X	X	X	X	X	X
3009	47	1	Programmable stage 2 start on	X	X	X	X	X	X	X	X	X	X
3010	47	2	Programmable stage 2 trip on	X	X	X	X	X	X	X	X	X	X
3011	47	3	Programmable stage 2 start off	X	X	X	X	X	X	X	X	X	X
3012	47	4	Programmable stage 2 trip off	X	X	X	X	X	X	X	X	X	X
3073	48	1	Programmable stage 3 start on	X	X	X	X	X	X	X	X	X	X
3074	48	2	Programmable stage 3 trip on	X	X	X	X	X	X	X	X	X	X
3075	48	3	Programmable stage 3 start off	X	X	X	X	X	X	X	X	X	X
3076	48	4	Programmable stage 3 trip off	X	X	X	X	X	X	X	X	X	X
3137	49	1	Programmable stage 4 start on	X	X	X	X	X	X	X	X	X	X
3138	49	2	Programmable stage 4 trip on	X	X	X	X	X	X	X	X	X	X
3139	49	3	Programmable stage 4 start off	X	X	X	X	X	X	X	X	X	X
3140	49	4	Programmable stage 4 trip off	X	X	X	X	X	X	X	X	X	X
3201	50	1	f>< Start On			X	X		X	X	X		
3202	50	2	f>< Trip On			X	X		X	X	X		
3203	50	3	f>< Start Off			X	X		X	X	X		
3204	50	4	f>< Trip Off			X	X		X	X	X		
3265	51	1	f><>< Start On			X	X		X	X	X		
3266	51	2	f><>< Trip On			X	X		X	X	X		
3267	51	3	f><>< Start Off			X	X		X	X	X		
3268	51	4	f><>< Trip Off			X	X		X	X	X		

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Profibus Modbus Code	SPA bus			Event name	40	96	210	230	245	255	257	259	260	265
	Channel	Code												
3329	52	1	f< Start On			X	X		X	X	X			
3330	52	2	f< Trip On			X	X		X	X	X			
3331	52	3	f< Start Off			X	X		X	X	X			
3332	52	4	f< Trip Off			X	X		X	X	X			
3393	53	1	f<< Start On			X	X		X	X	X			
3394	53	2	f<< Trip On			X	X		X	X	X			
3395	53	3	f<< Start Off			X	X		X	X	X			
3396	53	4	f<< Trip Off			X	X		X	X	X			
3457	54	1	df/dt_START_ON			X	X		X	X	X			
3458	54	2	df/dt_TRIP_ON			X	X		X	X	X			
3459	54	3	df/dt_START_OFF			X	X		X	X	X			
3460	54	4	df/dt_TRIP_OFF			X	X		X	X	X			
3521	55	1	U/f_START_ON			X								
3522	55	2	U/f_TRIP_ON			X								
3523	55	3	U/f_START_OFF			X								
3524	55	4	U/f_TRIP_OFF			X								
3585	56	1	Programmable stage 5 start on		X	X	X	X	X	X	X	X	X	
3586	56	2	Programmable stage 5 trip on		X	X	X	X	X	X	X	X	X	
3587	56	3	Programmable stage 5 start off		X	X	X	X	X	X	X	X	X	
3588	56	4	Programmable stage 5 trip off		X	X	X	X	X	X	X	X	X	
3649	57	1	Programmable stage 6 start on		X	X	X	X	X	X	X	X	X	

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
3650	57	2	Programmable stage 6 trip on	X	X	X	X	X	X	X	X	X	X
3651	57	3	Programmable stage 6 start off	X	X	X	X	X	X	X	X	X	X
3652	57	4	Programmable stage 6 trip off	X	X	X	X	X	X	X	X	X	X
3713	58	1	Programmable stage 7 start on	X	X	X	X	X	X	X	X	X	X
3714	58	2	Programmable stage 7 trip on	X	X	X	X	X	X	X	X	X	X
3715	58	3	Programmable stage 7 start off	X	X	X	X	X	X	X	X	X	X
3716	58	4	Programmable stage 7 trip off	X	X	X	X	X	X	X	X	X	X
3777	59	1	Programmable stage 8 start on	X	X	X	X	X	X	X	X	X	X
3778	59	2	Programmable stage 8 trip on	X	X	X	X	X	X	X	X	X	X
3779	59	3	Programmable stage 8 start off	X	X	X	X	X	X	X	X	X	X
3780	59	4	Programmable stage 8 trip off	X	X	X	X	X	X	X	X	X	X
3841	60	1	CBFP_START_ON	X		X	X	X	X	X	X		X
3842	60	2	CBFP_TRIP_ON	X		X	X	X	X	X	X		X
3843	60	3	CBFP_START_OFF	X		X	X	X	X	X	X		X
3844	60	4	CBFP_TRIP_OFF	X		X	X	X	X	X	X		X
3905	61	1	AR REQUEST 1	X			X	X	X	X	X		
3906	61	2	AR REQUEST 2	X			X	X	X	X	X		
3907	61	3	AR REQUEST 3	X			X	X	X	X	X		
3908	61	4	AR REQUEST 4	X			X	X	X	X	X		
3909	61	5	AR REQUEST 5	X			X	X	X	X	X		
3910	61	6	SHOT 1 START	X			X	X	X	X	X		
3911	61	7	SHOT 2 START	X			X	X	X	X	X		
3912	61	8	SHOT 3 START	X			X	X	X	X	X		

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
	Channel	Code											
3913	61	9	SHOT 4 START	X			X	X	X	X	X		
3914	61	10	SHOT 5 START	X			X	X	X	X	X		
3915	61	11	CRITICAL AR	X			X	X	X	X	X		
3916	61	12	RECLOSE LOCKED	X			X	X	X	X	X		
3917	61	13	EVENT_AR_RUNNING	X			X	X	X	X	X		
3918	61	14	EVENT_AR_FINALTRIP	X			X	X	X	X	X		
3919	61	15	EVENT_AR_REQ1_CLEAR	X			X	X	X	X	X		
3920	61	16	EVENT_AR_REQ2_CLEAR	X			X	X	X	X	X		
3921	61	17	EVENT_AR_REQ3_CLEAR	X			X	X	X	X	X		
3922	61	18	EVENT_AR_REQ4_CLEAR	X			X	X	X	X	X		
3923	61	19	EVENT_AR_REQ5_CLEAR	X			X	X	X	X	X		
3924	61	20	EVENT_SHOT_1_END	X			X	X	X	X	X		
3925	61	21	EVENT_SHOT_2_END	X			X	X	X	X	X		
3926	61	22	EVENT_SHOT_3_END	X			X	X	X	X	X		
3927	61	23	EVENT_SHOT_4_END	X			X	X	X	X	X		
3928	61	24	EVENT_SHOT_5_END	X			X	X	X	X	X		
3929	61	25	EVENT_CRIT_AR_CLEAR	X			X	X	X	X	X		
3930	61	26	EVENT_RECLOSE_UNLOCK	X			X	X	X	X	X		
3931	61	27	EVENT_AR_STOPPED	X			X	X	X	X	X		
3932	61	28	EVENT_AR_FINALTRIP_CLEAR	X			X	X	X	X	X		
3933	61	29	EVENT_AR_ON	X			X	X	X	X	X		
3934	61	30	EVENT_AR_OFF	X			X	X	X	X	X		
3935	61	31	EVENT_AR_CRITICAL_FINALTRIP	X			X	X	X	X	X		
3936	61	32	EVENT_AR1_FINALTRIP	X			X	X	X	X	X		
3937	61	33	EVENT_AR2_FINALTRIP	X			X	X	X	X	X		
3938	61	34	EVENT_AR3_FINALTRIP	X			X	X	X	X	X		
3939	61	35	EVENT_AR4_FINALTRIP	X			X	X	X	X	X		

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
3940	61	36	EVENT_AR_CRITICAL_FINALTRIP_OFF	X			X	X	X	X	X		
3941	61	37	EVENT_AR1_FINALTRIP_OFF	X			X	X	X	X	X		
3942	61	38	EVENT_AR2_FINALTRIP_OFF	X			X	X	X	X	X		
3943	61	39	EVENT_AR3_FINALTRIP_OFF	X			X	X	X	X	X		
3944	61	40	EVENT_AR4_FINALTRIP_OFF	X			X	X	X	X	X		
3969	62	1	FSP_START_ON (Frequent start prot)	MOTOR OPTION	X			X	X	X	X	X	
3970	62	2	FSP_TRIP_ON		X			X	X	X	X	X	
3971	62	3	FSP_START_OFF		X			X	X	X	X	X	
3972	62	4	FSP_TRIP_OFF		X			X	X	X	X	X	
4033	63	1	MOTOR_STARTING	MOTOR OPTION	X			X	X	X	X	X	
4034	63	2	MOTOR_RUNNING		X			X	X	X	X	X	
4035	63	3	MOTOR_STARTED		X			X	X	X	X	X	
4036	63	4	MOTOR_STOPPED		X			X	X	X	X	X	
4097	64	1	Voltage interrupt on			X	X	X		X	X	X	X
4098	64	2	Voltage interrupt off			X	X	X		X	X	X	X
4106	64	10	Voltage sag on			X	X	X		X	X	X	X
4107	64	11	Voltage sag off			X	X	X		X	X	X	X
4108	64	12	Voltage swell on			X	X	X		X	X	X	X
4109	64	13	Voltage swell off			X	X	X		X	X	X	X
4126	64	30	Earth Fault Distance On				X	X		X	X	X	
4127	64	31	Earth Fault Distance Calculation ready				X	X		X	X	X	

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
	Channel	Code											
4136	64	40	User's timer forcing on	X	X	X	X	X	X	X	X	X	X
4137	64	41	User's timer forcing off	X	X	X	X	X	X	X	X	X	X
4138	64	42	User's timer 1 on	X	X	X	X	X	X	X	X	X	X
4139	64	43	User's timer 1 off	X	X	X	X	X	X	X	X	X	X
4140	64	44	User's timer 2 on	X	X	X	X	X	X	X	X	X	X
4141	64	45	User's timer 2 off	X	X	X	X	X	X	X	X	X	X
4142	64	46	User's timer 3 on	X	X	X	X	X	X	X	X	X	X
4143	64	47	User's timer 3 off	X	X	X	X	X	X	X	X	X	X
4144	64	48	User's timer 4 on	X	X	X	X	X	X	X	X	X	X
4145	64	49	User's timer 4 off	X	X	X	X	X	X	X	X	X	X
4161	65	1	Logic output 1 on	X	X	X	X	X	X	X	X	X	X
4162	65	2	Logic outout 1 off	X	X	X	X	X	X	X	X	X	X
4163	65	3	Logic output 2 on	X	X	X	X	X	X	X	X	X	X
4164	65	4	Logic output 2 off	X	X	X	X	X	X	X	X	X	X
4165	65	5	Logic output 3 on	X	X	X	X	X	X	X	X	X	X
4166	65	6	Logic output 3 off	X	X	X	X	X	X	X	X	X	X
4167	65	7	Logic output 4 on	X	X	X	X	X	X	X	X	X	X
4168	65	8	Logic output 4 off	X	X	X	X	X	X	X	X	X	X
4169	65	9	Logic output 5 on	X	X	X	X	X	X	X	X	X	X
4170	65	10	Logic output 5 off	X	X	X	X	X	X	X	X	X	X
4171	65	11	Logic output 6 on	X	X	X	X	X	X	X	X	X	X
4172	65	12	Logic outout 6 off	X	X	X	X	X	X	X	X	X	X
4173	65	13	Logic output 7 on	X	X	X	X	X	X	X	X	X	X
4174	65	14	Logic output 7 off	X	X	X	X	X	X	X	X	X	X
4175	65	15	Logic output 8 on	X	X	X	X	X	X	X	X	X	X
4176	65	16	Logic output 8 off	X	X	X	X	X	X	X	X	X	X

EVENT				NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
4177	65	17	Logic output 9 on		X	X	X	X	X	X	X	X	X	X
4178	65	18	Logic output 9 off		X	X	X	X	X	X	X	X	X	X
4179	65	19	Logic output 10 on		X	X	X	X	X	X	X	X	X	X
4180	65	20	Logic output 10 off		X	X	X	X	X	X	X	X	X	X
4181	65	21	Logic output 11 on		X	X	X	X	X	X	X	X	X	X
4182	65	22	Logic output 11 off		X	X	X	X	X	X	X	X	X	X
4183	65	23	Logic output 12 on		X	X	X	X	X	X	X	X	X	X
4184	65	24	Logic output 12 off		X	X	X	X	X	X	X	X	X	X
4185	65	25	Logic output 13 on		X	X	X	X	X	X	X	X	X	X
4186	65	26	Logic output 13 off		X	X	X	X	X	X	X	X	X	X
4187	65	27	Logic output 14 on		X	X	X	X	X	X	X	X	X	X
4188	65	28	Logic output 14 off		X	X	X	X	X	X	X	X	X	X
4189	65	29	Logic output 15 on		X	X	X	X	X	X	X	X	X	X
4190	65	30	Logic output 15 off		X	X	X	X	X	X	X	X	X	X
4191	65	31	Logic output 16 on		X	X	X	X	X	X	X	X	X	X
4192	65	32	Logic output 16 off		X	X	X	X	X	X	X	X	X	X
4193	65	33	Logic output 17 on		X	X	X	X	X	X	X	X	X	X
4194	65	34	Logic output 17 off		X	X	X	X	X	X	X	X	X	X
4195	65	35	Logic output 18 on		X	X	X	X	X	X	X	X	X	X
4196	65	36	Logic output 18 off		X	X	X	X	X	X	X	X	X	X
4197	65	37	Logic output 19 on		X	X	X	X	X	X	X	X	X	X
4198	65	38	Logic output 19 off		X	X	X	X	X	X	X	X	X	X
4199	65	39	Logic output 20 on		X	X	X	X	X	X	X	X	X	X
4200	65	40	Logic output 20 off		X	X	X	X	X	X	X	X	X	X
4225	66	1	CB WEAR alarm1 on		X		X	X	X	X	X	X		X
4226	66	2	CB WEAR alarm1 off		X		X	X	X	X	X	X		X

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code		Event name									
4227	66	3	CB WEAR alarm2 on	X		X	X	X	X	X	X		X
4228	66	4	CB WEAR alarm2 off	X		X	X	X	X	X	X		X
4290	67	2	CT supervisor alarm on	X		X	X	X	X	X	X		X
4292	67	4	CT supervisor alarm off	X		X	X	X	X	X	X		X
4354	68	2	VT supervisor alarm on			X	X		X	X	X		
4356	68	4	VT supervisor alarm off			X	X		X	X	X		
4417	69	1	Virtual input 1 on	X	X	X	X	X	X	X	X	X	X
4418	69	2	Virtual input 1 off	X	X	X	X	X	X	X	X	X	X
4419	69	3	Virtual input 2 on	X	X	X	X	X	X	X	X	X	X
4420	69	4	Virtual input 2 off	X	X	X	X	X	X	X	X	X	X
4421	69	5	Virtual input 3 on	X	X	X	X	X	X	X	X	X	X
4422	69	6	Virtual input 3 off	X	X	X	X	X	X	X	X	X	X
4423	69	7	Virtual input 4 on	X	X	X	X	X	X	X	X	X	X
4424	69	8	Virtual input 4 off	X	X	X	X	X	X	X	X	X	X
4481	70	1	Control position REMOTE	X		X	X	X	X	X	X	X	X
4482	70	2	Control position LOCAL	X		X	X	X	X	X	X	X	X
4545	71	1	Object1 OPEN	X		X	X	X	X	X	X	X	X
4546	71	2	Object1 CLOSE	X		X	X	X	X	X	X	X	X
4547	71	3	Object1 UNDEFINED (11)	X		X	X	X	X	X	X	X	X
4548	71	4	Object1 UNDEFINED (00)	X		X	X	X	X	X	X	X	X
4549	71	5	Object1 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4550	71	6	Object1 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
4551	71	7	Object1 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4552	71	8	Object1 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X
4553	71	9	Object1 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X
4554	71	10	Object1 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X
4555	71	11	Object1 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X
4556	71	12	Object1 CB_UNDEF_TIMEOUT	X		X	X	X	X	X	X	X	X
4557	71	13	Object1 CB_READY_TIMEOUT	X		X	X	X	X	X	X	X	X
4609	72	1	Object2 OPEN	X		X	X	X	X	X	X	X	X
4610	72	2	Object2 CLOSE	X		X	X	X	X	X	X	X	X
4611	72	3	Object2 UNDEFINED (11)	X		X	X	X	X	X	X	X	X
4612	72	4	Object2 UNDEFINED (00)	X		X	X	X	X	X	X	X	X
4613	72	5	Object2 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4614	72	6	Object2 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X
4615	72	7	Object2 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4616	72	8	Object2 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X
4617	72	9	Object2 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X
4618	72	10	Object2 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X
4619	72	11	Object2 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X
4673	73	1	Object3 OPEN	X		X	X	X	X	X	X	X	X
4674	73	2	Object3 CLOSE	X		X	X	X	X	X	X	X	X
4675	73	3	Object3 UNDEFINED (11)	X		X	X	X	X	X	X	X	X
4676	73	4	Object3 UNDEFINED (00)	X		X	X	X	X	X	X	X	X
4677	73	5	Object3 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4678	73	6	Object3 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X
4679	73	7	Object3 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
Code	Channel	Code											
4680	73	8	Object3 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X
4681	73	9	Object3 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X
4682	73	10	Object3 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X
4683	73	11	Object3 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X
4737	74	1	Object4 OPEN	X		X	X	X	X	X	X	X	X
4738	74	2	Object4 CLOSE	X		X	X	X	X	X	X	X	X
4739	74	3	Object4 UNDEFINED (11)	X		X	X	X	X	X	X	X	X
4740	74	4	Object4 UNDEFINED (00)	X		X	X	X	X	X	X	X	X
4741	74	5	Object4 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4742	74	6	Object4 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X
4743	74	7	Object4 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4744	74	8	Object4 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X
4745	74	9	Object4 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X
4746	74	10	Object4 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X
4747	74	11	Object4 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X
4801	75	1	Object5 OPEN	X		X	X	X	X	X	X	X	X
4802	75	2	Object5 CLOSE	X		X	X	X	X	X	X	X	X
4803	75	3	Object5 UNDEFINED (11)	X		X	X	X	X	X	X	X	X
4804	75	4	Object5 UNDEFINED (00)	X		X	X	X	X	X	X	X	X
4805	75	5	Object5 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4806	75	6	Object5 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X
4807	75	7	Object5 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X
4808	75	8	Object5 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X
4809	75	9	Object5 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X
4810	75	10	Object5 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE										
Profibus Modbus Code	SPA bus			Event name	40	96	210	230	245	255	257	259	260	265
	Channel	Code												
4811	75	11	Object5 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X	X
4865	76	1	Object6 OPEN	X		X	X	X	X	X	X	X	X	X
4866	76	2	Object6 CLOSE	X		X	X	X	X	X	X	X	X	X
4867	76	3	Object6 UNDEFINED (11)	X		X	X	X	X	X	X	X	X	X
4868	76	4	Object6 UNDEFINED (00)	X		X	X	X	X	X	X	X	X	X
4869	76	5	Object6 OPEN OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X	X
4870	76	6	Object6 OPEN OUTPUT RESET	X		X	X	X	X	X	X	X	X	X
4871	76	7	Object6 CLOSE OUTPUT ACTIVATED	X		X	X	X	X	X	X	X	X	X
4872	76	8	Object6 CLOSE OUTPUT RESET	X		X	X	X	X	X	X	X	X	X
4873	76	9	Object6 Control inhibited by interlocking	X		X	X	X	X	X	X	X	X	X
4874	76	10	Object6 CB_OPEN_TIMEOUT	X		X	X	X	X	X	X	X	X	X
4875	76	11	Object6 CB_CLOSE_TIMEOUT	X		X	X	X	X	X	X	X	X	X
4929	77	1	Object7 OPEN	X		X	X	X	X	X	X	X	X	X
4930	77	2	Object7 CLOSE	X		X	X	X	X	X	X	X	X	X
4931	77	3	Object7 UNDEFINED (11)	X		X	X	X	X	X	X	X	X	X
4932	77	4	Object7 UNDEFINED (00)	X		X	X	X	X	X	X	X	X	X
4933	77	5	Object7 OPEN OUTPUT ACTIVATED											
4934	77	6	Object7 OPEN OUTPUT RESET											
4935	77	7	Object7 CLOSE OUTPUT ACTIVATED											
4936	77	8	Object7 CLOSE OUTPUT RESET											
4937	77	9	Object7 Control inhibited by interlocking											
4938	77	10	Object7 CB_OPEN_TIMEOUT											
4939	77	11	Object7 CB_CLOSE_TIMEOUT											
4993	78	1	Object8 OPEN	X		X	X	X	X	X	X	X	X	X

EVENT				NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
4994	78	2	Object8 CLOSE		X		X	X	X	X	X	X	X	X
4995	78	3	Object8 UNDEFINED (11)		X		X	X	X	X	X	X	X	X
4996	78	4	Object8 UNDEFINED (00)		X		X	X	X	X	X	X	X	X
4997	78	5	Object8 OPEN OUTPUT ACTIVATED											
4998	78	6	Object8 OPEN OUTPUT RESET											
4999	78	7	Object8 CLOSE OUTPUT ACTIVATED											
5000	78	8	Object8 CLOSE OUTPUT RESET											
5001	78	9	Object8 Control inhibited by interlocking											
5002	78	10	Object8 CB_OPEN_TIMEOUT											
5003	78	11	Object8 CB_CLOSE_TIMEOUT											
	79	X	Not used											
	80	X	CONTROLS											
5185	81	1	EXTERNAL_DI_1_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5186	81	2	EXTERNAL_DI_1_OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5187	81	3	EXTERNAL_DI_2_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5188	81	4	EXTERNAL_DI_2_OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5189	81	5	EXTERNAL_DI_3_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5190	81	6	EXTERNAL_DI_3_OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5191	81	7	EXTERNAL_DI_4_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5192	81	8	EXTERNAL_DI_4_OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5193	81	9	EXTERNAL_DI_5_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5194	81	10	EXTERNAL_DI_5_OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5195	81	11	EXTERNAL_DI_6_ON	MBIO	X	X	X	X	X	X	X	X	X	X
5196	81	12	EXTERNAL_DI_6_OFF	MBIO	X	X	X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265
	Channel	Code											
5197	81	13	EXTERNAL_DI_7_ON	MBIO	X	X	X	X	X	X	X	X	X
5198	81	14	EXTERNAL_DI_7_OFF	MBIO	X	X	X	X	X	X	X	X	X
5199	81	15	EXTERNAL_DI_8_ON	MBIO	X	X	X	X	X	X	X	X	X
5200	81	16	EXTERNAL_DI_8_OFF	MBIO	X	X	X	X	X	X	X	X	X
5201	81	17	EXTERNAL_DI_9_ON	MBIO	X	X	X	X	X	X	X	X	X
5202	81	18	EXTERNAL_DI_9_OFF	MBIO	X	X	X	X	X	X	X	X	X
5203	81	19	EXTERNAL_DI_10_ON	MBIO	X	X	X	X	X	X	X	X	X
5204	81	20	EXTERNAL_DI_10_OFF	MBIO	X	X	X	X	X	X	X	X	X
5205	81	21	EXTERNAL_DI_11_ON	MBIO	X	X	X	X	X	X	X	X	X
5206	81	22	EXTERNAL_DI_11_OFF	MBIO	X	X	X	X	X	X	X	X	X
5207	81	23	EXTERNAL_DI_12_ON	MBIO	X	X	X	X	X	X	X	X	X
5208	81	24	EXTERNAL_DI_12_OFF	MBIO	X	X	X	X	X	X	X	X	X
5209	81	25	EXTERNAL_DI_13_ON	MBIO	X	X	X	X	X	X	X	X	X
5210	81	26	EXTERNAL_DI_13_OFF	MBIO	X	X	X	X	X	X	X	X	X
5211	81	27	EXTERNAL_DI_14_ON	MBIO	X	X	X	X	X	X	X	X	X
5212	81	28	EXTERNAL_DI_14_OFF	MBIO	X	X	X	X	X	X	X	X	X
5213	81	29	EXTERNAL_DI_15_ON	MBIO	X	X	X	X	X	X	X	X	X
5214	81	30	EXTERNAL_DI_15_OFF	MBIO	X	X	X	X	X	X	X	X	X
5215	81	31	EXTERNAL_DI_16_ON	MBIO	X	X	X	X	X	X	X	X	X
5216	81	32	EXTERNAL_DI_16_OFF	MBIO	X	X	X	X	X	X	X	X	X
5217	81	33	EXTERNAL_DI_17_ON	MBIO	X	X	X	X	X	X	X	X	X
5218	81	34	EXTERNAL_DI_17_OFF	MBIO	X	X	X	X	X	X	X	X	X
5219	81	35	EXTERNAL_DI_18_ON	MBIO	X	X	X	X	X	X	X	X	X
5220	81	36	EXTERNAL_DI_18_OFF	MBIO	X	X	X	X	X	X	X	X	X
5249	82	1	EXT. ANALOG INPUT 1 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X
5250	82	2	EXT. ANALOG INPUT 1 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE										
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265	
Code	Channel	Code												
5251	82	3	EXT. ANALOG INPUT 2 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5252	82	4	EXT. ANALOG INPUT 2 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5253	82	5	EXT. ANALOG INPUT 3 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5254	82	6	EXT. ANALOG INPUT 3 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5255	82	7	EXT. ANALOG INPUT 4 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5256	82	8	EXT. ANALOG INPUT 4 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5257	82	9	EXT. ANALOG INPUT 5 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5258	82	10	EXT. ANALOG INPUT 5 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5259	82	11	EXT. ANALOG INPUT 6 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5260	82	12	EXT. ANALOG INPUT 6 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5261	82	13	EXT. ANALOG INPUT 7 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5262	82	14	EXT. ANALOG INPUT 7 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5263	82	15	EXT. ANALOG INPUT 8 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5264	82	16	EXT. ANALOG INPUT 8 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5265	82	17	EXT. ANALOG INPUT 9 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5266	82	18	EXT. ANALOG INPUT 9 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5267	82	19	EXT. ANALOG INPUT 10 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5268	82	20	EXT. ANALOG INPUT 10 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5269	82	21	EXT. ANALOG INPUT 11 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5270	82	22	EXT. ANALOG INPUT 11 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5271	82	23	EXT. ANALOG INPUT 12 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5272	82	24	EXT. ANALOG INPUT 12 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5273	82	25	EXT. ANALOG INPUT 13 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5274	82	26	EXT. ANALOG INPUT 13 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5275	82	27	EXT. ANALOG INPUT 14 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5276	82	28	EXT. ANALOG INPUT 14 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5277	82	29	EXT. ANALOG INPUT 15 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE										
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265	
Code	Channel	Code												
5278	82	30	EXT. ANALOG INPUT 15 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5279	82	31	EXT. ANALOG INPUT 16 ALARM 1 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5280	82	32	EXT. ANALOG INPUT 16 ALARM 1 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5313	83	1	EXT. ANALOG INPUT 1 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5314	83	2	EXT. ANALOG INPUT 1 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5315	83	3	EXT. ANALOG INPUT 2 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5316	83	4	EXT. ANALOG INPUT 2 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5317	83	5	EXT. ANALOG INPUT 3 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5318	83	6	EXT. ANALOG INPUT 3 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5319	83	7	EXT. ANALOG INPUT 4 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5320	83	8	EXT. ANALOG INPUT 4 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5321	83	9	EXT. ANALOG INPUT 5 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5322	83	10	EXT. ANALOG INPUT 5 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5323	83	11	EXT. ANALOG INPUT 6 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5324	83	12	EXT. ANALOG INPUT 6 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5325	83	13	EXT. ANALOG INPUT 7 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5326	83	14	EXT. ANALOG INPUT 7 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5327	83	15	EXT. ANALOG INPUT 8 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5328	83	16	EXT. ANALOG INPUT 8 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5329	83	17	EXT. ANALOG INPUT 9 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5330	83	18	EXT. ANALOG INPUT 9 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5331	83	19	EXT. ANALOG INPUT 10 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5332	83	20	EXT. ANALOG INPUT 10 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5333	83	21	EXT. ANALOG INPUT 11 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5334	83	22	EXT. ANALOG INPUT 11 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5335	83	23	EXT. ANALOG INPUT 12 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X

EVENT			NOTE	VAMP TYPE										
Profibus Modbus Code	SPA bus			40	96	210	230	245	255	257	259	260	265	
	Channel	Code												Event name
5336	83	24	EXT. ANALOG INPUT 12 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5337	83	25	EXT. ANALOG INPUT 13 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5338	83	26	EXT. ANALOG INPUT 13 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5339	83	27	EXT. ANALOG INPUT 14 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5340	83	28	EXT. ANALOG INPUT 14 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5341	83	29	EXT. ANALOG INPUT 15 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5342	83	30	EXT. ANALOG INPUT 15 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5343	83	31	EXT. ANALOG INPUT 16 ALARM 2 ON	MBIO	X	X	X	X	X	X	X	X	X	X
5344	83	32	EXT. ANALOG INPUT 16 ALARM 2 OFF	MBIO	X	X	X	X	X	X	X	X	X	X
5377	84	1	EVENT_I2b> Start On											X
5378	84	2	EVENT_I2b> Trip On											X
5379	84	3	EVENT_I2b> Start Off											X
5380	84	4	EVENT_I2b> Start Off											X
5441	85	1	X< Start On				X							
5442	85	2	X< Trip On				X							
5443	85	3	X< Start Off				X							
5444	85	4	X< Trip Off				X							
5505	86	1	X<< Start On				X							
5506	86	2	X<< Trip On				X							
5507	86	3	X<< Start Off				X							
5508	86	4	X<< Trip Off				X							
5569	87	1	SYNC1_REQUEST_ON	VOLTAGE MODE 2LL/LLy				X		X	X	X		
5570	87	2	SYNC1_REQUEST_OFF					X		X	X	X		

EVENT				NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
5571	87	3	SYNC1_OK_ON					X		X	X	X		
5572	87	4	SYNC1_OK_OFF					X		X	X	X		
5573	87	5	SYNC1_BYPASS_ON					X		X	X	X		
5574	87	6	SYNC1_BYPASS_OFF					X		X	X	X		
5575	87	7	SYNC1_FAILED					X		X	X	X		
5576	87	8	SYNC1_FAILED_OFF					X		X	X	X		
				VOLTAGE MODE LL/LLy/LLz										
5633	88	1	SYNC2_REQUEST_ON					X		X	X	X		
5634	88	2	SYNC2_REQUEST_OFF					X		X	X	X		
5635	88	3	SYNC2_OK_ON					X		X	X	X		
5636	88	4	SYNC2_OK_OFF					X		X	X	X		
5637	88	5	SYNC2_BYPASS_ON					X		X	X	X		
5638	88	6	SYNC2_BYPASS_OFF					X		X	X	X		
5639	88	7	SYNC2_FAILED					X		X	X	X		
5640	88	8	SYNC2_FAILED_OFF				X		X	X	X			
5697	89	1	SETTING GROUP 1 ON		X		X	X	X	X	X	X	X	X
5698	89	2	SETTING GROUP 1 OFF		X		X	X	X	X	X	X	X	X
5699	89	3	SETTING GROUP 2 ON		X		X	X	X	X	X	X	X	X
5700	89	4	SETTING GROUP 2 OFF		X		X	X	X	X	X	X	X	X
5761	90	1	DI21_ON								X	X		
5762	90	2	DI21_OFF								X	X		
5763	90	3	DI22_ON								X	X		
5764	90	4	DI22_OFF								X	X		
5765	90	5	DI23_ON								X	X		
5766	90	6	DI23_OFF								X	X		

EVENT				NOTE	VAMP TYPE									
Profibus Modbus	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
Code	Channel	Code												
5767	90	7	DI24_ON							X	X			
5768	90	8	DI24_OFF							X	X			
5769	90	9	DI25_ON							X	X			
5770	90	10	DI25_OFF							X	X			
5771	90	11	DI26_ON							X	X			
5772	90	12	DI26_OFF							X	X			
5773	90	13	DI27_ON							X	X			
5774	90	14	DI27_OFF							X	X			
5775	90	15	DI28_ON							X	X			
5776	90	16	DI28_OFF							X	X			
5777	90	17	DI29_ON							X	X			
5778	90	18	DI29_OFF							X	X			
5779	90	19	DI30_ON							X	X			
5780	90	20	DI30_OFF							X	X			
5781	90	21	DI31_ON							X	X			
5782	90	22	DI31_OFF							X	X			
5783	90	23	DI32_ON							X	X			
5784	90	24	DI32_OFF							X	X			
5825	91	1	EVENT_Ib> Start On										X	
5826	91	2	EVENT_Ib> Trip On										X	
5827	91	3	EVENT_Ib> Start Off										X	
5827	91	4	EVENT_Ib> Start Off										X	
5889	92	1	EVENT_Ib>> Start On										X	
5890	92	2	EVENT_Ib>> Trip On										X	
5891	92	3	EVENT_Ib>> Start Off										X	

EVENT				NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus		Event name		40	96	210	230	245	255	257	259	260	265
	Channel	Code												
5892	92	4	EVENT_Ib>> Start Off											X
5954	93	2	CTb supervisor alarm on											X
5956	93	4	CTb supervisor alarm off											X
6209	97	1	EVENT Z1 Start On									X		
6210	97	2	EVENT Z1 Trip On									X		
6211	97	3	EVENT Z1 Start Off									X		
6212	97	4	EVENT Z1 Trip Off									X		
6273	98	1	EVENT Z2 Start On									X		
6274	98	2	EVENT Z2 Trip On									X		
6275	98	3	EVENT Z2 Start Off									X		
6276	98	4	EVENT Z2 Trip Off									X		
6337	99	1	EVENT Z3 Start On									X		
6338	99	2	EVENT Z3 Trip On									X		
6339	99	3	EVENT Z3 Start Off									X		
6340	99	4	EVENT Z3 Trip Off									X		
6401	100	1	EVENT Z4 Start On									X		
6402	100	2	EVENT Z4 Trip On									X		
6403	100	3	EVENT Z4 Start Off									X		
6405	100	4	EVENT Z4 Trip Off									X		
6465	101	1	EVENT Z5 Start On									X		
6466	101	2	EVENT Z5 Trip On									X		
6467	101	3	EVENT Z5 Start Off									X		
6468	101	4	EVENT Z5 Trip Off									X		

EVENT			NOTE	VAMP TYPE									
Profibus Modbus Code	SPA bus Channel Code			40	96	210	230	245	255	257	259	260	265

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