

**TNS Havlíčkův Brod, R110kV**  
**terminály vývodů**  
**Tabulky signálů, měření a povelů**

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PS300501\_04.5\_Tab\_HavlBrodNS\_110\_61850\_v02a\_IEC104  
AEA01,AEA02

41	x	x
42	-	-
43	-	-
44	-	-
45	-	-
46	-	-
47	-	-
48	-	-
49	-	-
50	-	-
51	x	x
52	x	x
53	x	x
54	x	x
55	x	x
56	x	x
57	x	x
58	x	x
59	x	x
60	x	x
61	x	x
62	x	x
63	x	x
64	x	x
65		
66		
67		
68	x	x
69	x	x
3022	x	x
71	x	x
72	x	x
73	x	x
74	x	x
75	x	x
76	x	x
77	x	x
78	x	x
79	x	x
80	x	x
81	x	x
82	x	x
83	x	x
84	x	x
85	x	x
86	x	x
87	x	x
88		
89	x	x
90		
91		
92		
93		
94		
95		
96		
97		
98		
99		
100		
101		
102		
103		
104		
3021	x	x
105	-	-
-	-	-
106	-	-
-	-	-

[illegible]

Export	Svorka	Rozv.	Pole	Zar.	Signal	OX	Pozn.	IN	IEC104	ED	MRS	AEA1	AEA2	Fc.zk. 13.8.2015 (prázdné=z technologie)	MIMO PROT
E		HBD	AEA01	SADA	SIG	Dist.ochr.2-sada 3	SADA3 indication	LD0.SP16GGIO2.Ind15.stVal	107	-	-	-	-		
		HBD	AEA01	SADA	OVL	Dist.ochr.2-sada 3	SADA3 Command execute	LD0.VSGGIO7.DPCSO.ctfOperOn	-	-	-	-	-		
E		HBD	AEA01	SADA	SIG	Dist.ochr.2-sada 4	SADA4 indication	LD0.SP16GGIO2.Ind16.stVal	108	-	-	-	-		
		HBD	AEA01	SADA	OVL	Dist.ochr.2-sada 4	SADA4 Command execute	LD0.VSGGIO8.DPCSO.ctfOperOn	-	-	-	-	-		
E		HBD	AEA01	MER	A	Proud L1	A	LD0.CMMXU1.A.phsA.cVal.mag	3001	x	x	OK			
E		HBD	AEA01	MER	A	Proud L2	A	LD0.CMMXU1.A.phsB.cVal.mag	3002	x	x	OK			
E		HBD	AEA01	MER	A	Proud L3	A	LD0.CMMXU1.A.phsC.cVal.mag	3003	x	x	OK			
E		HBD	AEA01	MER	A	Proud Io	A	LD0.CMSQI1.SeqA.c3.cVal.mag	3033	x		OK			
E		HBD	AEA01	MER	kV	Fázové napětí L1	kV	LD0.VNMMXU1.PhV.phsA.cVal.mag	3005	x		OK			
E		HBD	AEA01	MER	kV	Fázové napětí L2	kV	LD0.VNMMXU1.PhV.phsB.cVal.mag	3006	x		OK			
E		HBD	AEA01	MER	kV	Fázové napětí L3	kV	LD0.VNMMXU1.PhV.phsC.cVal.mag	3007	x		OK			
E		HBD	AEA01	MER	V	Napětí Uo	V	LD0.VMSQI1.SeqV.c3.cVal.mag.f	3036	x		OK			
E		HBD	AEA01	MER	kV	Sdružené napětí UL1-L2	kV	LD0.VMMXU1.PPV.phsAB.cVal.mag	3009	x	x	OK			
E		HBD	AEA01	MER	kV	Sdružené napětí UL2-L3	kV	LD0.VMMXU1.PPV.phsBC.cVal.mag	3010	x	x	OK			
E		HBD	AEA01	MER	kV	Sdružené napětí UL1-L3	kV	LD0.VMMXU1.PPV.phsCA.cVal.mag	3011	x	x	OK			
E		HBD	AEA01	MER	kV	Sdružené napětí	U	LD0.CVMMXN1.Vol.mag	3012			-			
E		HBD	AEA01	MER	A	Proud	I	LD0.CVMMXN1.Amp.mag	3013			-			
E		HBD	AEA01	MER	MW	Čin výkon	MW	LD0.CVMMXN1.Watt.mag	3014	x		OK			
E		HBD	AEA01	MER	MVar	Jal výkon	MVar	LD0.CVMMXN1.VolAmpr.mag	3015	x		OK			
E		HBD	AEA01	MER	I	Účinník		LD0.CVMMXN1.PwrFact.mag	3016	x		OK			
E		HBD	AEA01	MER	Hz	Frekvence	Hz	LD0.CVMMXN1.Hz.mag	3017	x		OK			
E		HBD	AEA01	QM	SIG	Vypínač S1(S2) (QM) - signalizace stavu	Position indication	LD0.SCSWI1.Pos.stVal	1	x	x	OK			
		HBD	AEA01	QM	OVL	Vypínač S1(S2) (QM)	Command	LD0.SCSWI1.Pos.SBOw	2001	x	x	OK			
E		HBD	AEA01	QA	SIG	Odpojovač V2/V4 (QA) - signalizace stavu	Position indication	LD0.SCSWI2.Pos.stVal	2	x	x	OK			
		HBD	AEA01	QA	OVL	Odpojovač V2/V4 (QA)	Command	LD0.SCSWI2.Pos.SBOw	2002	x	x	OK			
E		HBD	AEA01	QV	SIG	Odpojovač V1/V3 (QV) - signalizace stavu	Position indication	LD0.SCSWI3.Pos.stVal	3	x	x	OK			
		HBD	AEA01	QV	OVL	Odpojovač V1/V3 (QV)	Command	LD0.SCSWI3.Pos.SBOw	2003	x	x	OK			
E		HBD	AEA01	QZ	SIG	Odpojovač V1U/V3U (QZ)	Position indication	LD0.SCSWI4.Pos.stVal	4	x	x	OK			
		HBD	AEA01	QZ	OVL	Odpojovač V1U/V3U (QZ)	Command	LD0.SCSWI4.Pos.SBOw	2004	x	x	OK			
		HBD	AEA01	AOZ	OVL	Dist.ochr.-automatika OZ povel VYP	Command execute open	LD0.VSGGIO1.DPCSO.ctfOperOff	2005	x	x	OK			
		HBD	AEA01	AOZ	OVL	Dist.ochr.-automatika OZ povel ZAP	Command execute close	LD0.VSGGIO1.DPCSO.ctfOperOn							
G		HBD	AEA01			Goose - Bay reserved (do všech polí)	Position indication	LD0.SPGGIO10.Ind.stVal							
G		HBD	AEA01			Goose - Bay reserved (do všech polí)	Position indication	LD0.SPGGIO10.Ind.q							
G		HBD	AEA01			Goose - QM position - do AEA03		LD0.DPGGIO1.DPCSO.stVal							
G		HBD	AEA01			Goose - QM position - do AEA03		LD0.DPGGIO1.DPCSO.q							
G		HBD	AEA01			Goose - TRBU {do všech polí}	Vyp ASV	LD0.SP16GGIO1.Ind16.stVal							
G		HBD	AEA01			Goose - TRBU {do všech polí}	Vyp ASV	LD0.SP16GGIO1.Ind16.q							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind15.stVal							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind15.q							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind14.stVal							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind14.q							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind13.stVal							
G		HBD	AEA01			Goose -	REZERVA	LD0.SP16GGIO1.Ind13.q							

PS300501\_04.5\_Tab\_HavIBrodNS\_110\_61850\_v02a\_IEC104  
AEA03

16.02.2015

Export	Svorka	Rozv.	Pole	Zar.	Signal	OX	Pozn.	IN
G		HBD	AEA03			Goose -	REZERVA	LD0.SPGGIO3.Ind.stVal
G		HBD	AEA03			Goose -	REZERVA	LD0.SPGGIO3.Ind.q

IEC104	ED	MRS

AEA3			Fc.zk. 13.8.2015 (prázdné=z technologie)	MIMO PROT

PS300501\_04.5\_Tab\_HavlBrodNS\_110\_61850\_v02a\_IEC104  
AEA04,AEA05

41	x	
42	x	
43	x	x
44	-	-
45	-	-
46	-	-
47	x	x
48	x	x
49	x	x
50	x	x
51	x	x
52	x	x
53	x	x
54	x	x
55	x	x
56	x	x
57	x	x
58	-	
59	-	
60	x	x
61	-	-
119	x	x
62		
63		
	-	-
65	x	x
66	x	x
3022	x	x
68	x	x
69	x	x
70	x	x
71	x	x
72	x	x
73	x	x
74		x
75		x
76	x	x
77	x	x
78	x	x
79	x	x
80	x	x
81	x	x
82	x	x
83	x	x
84	x	x
85	x	x
86	x	x
87	x	x
88	x	x
89	x	x
90	x	x
91		
92	x	x
93	x	x
94	x	x
95	x	x
96	x	x
97	x	x
98	x	x
99	x	x
100	x	x
101	x	x
102	x	x
103	x	x
104	x	x
105	x	x
106	x	x
107	x	x
108	x	
109		
110		
111		

OK			
OK			
-			
-			
-			
OK			
OK			
OK			
OK			
OK			
OK			
OK			
OK			
-			
-			
OK			AWA04 FA2 vvp
-			
-			
-			
-			
OK			AWA04 F1/04 test mode
OK	3x	AWA04 X1:83/X1:152/X1:153 ven	nelze nasimulovat
OK			
OK			
OK		S11 B1 X1:871-870+	
OK		S11 B1 X1:907-906+	
OK	2x		S11 B1 F1A/F1B vvp a QM zap a vvp
OK			S11 B1 S4
OK			S11 B1 S4
OK			S11 B1 S4
OK	2x		S11 B1 F1A/F1B vvp
OK	2x		S11 A1 SXY3/B1 SXY2 ven a QM zap
OK			AWA04 S20 vvp
OK			T101 MR Q1 vvp
OK			
OK			AWA04 FA11 vvp
OK			AWA04 FA13 vvp
OK			AWA04 FA14 vvp
OK			AWA04 FA2 vvp
OK			AV04 FA101 vvp
OK			AV04 FA103 vvp
OK		AWA04 KH1 pfítah	
OK		AWA04 X1:125-109+	
OK		AWA04 X1:126-109+	
OK		AWA04 X1:127-109+	
OK			
OK		T101 RM2 X4:11-1+	
OK		T101 RM2 X4:12-1+	
OK		T101 RM2 X4:13-1+	
OK	2x	T101 RM2 X4:14,15-1+	
OK			T101 F71 vvp
OK			T101 F72 vvp
OK		T101 RM2 X3:18-1+	
OK		T101 RM2 X3:19-1+	
OK		T101 RM2 X3:20-1+	
OK		T101 RM2 X3:21-1+	
OK		T101 RM2 X3:22-1+	
OK		T101 RM2 X3:23-1+	
OK	2x	T101 RM2 X3:24,25-1+	
OK	3x		T101 RM2 F71, F72, F51 vvp
OK		AWA04 KH2 pfítah	
OK			AWA03 F12 vvp - vypnutí ochrany
OK	2x		S11 B1 S4 - poloha Local a Vvp

[illegible]

AE14	AE15	AE16	AE17	AE18	AE19	AE20	AE21	AE22	AE23	AE24	AE25	AE26	AE27	AE28	AE29	AE30	AE31	AE32	AE33	AE34	AE35	AE36	AE37	AE38	AE39	AE40	AE41	AE42	AE43	AE44	AE45	AE46	AE47	AE48	AE49	AE50	AE51	AE52	AE53	AE54	AE55	AE56	AE57	AE58	AE59	AE60	AE61	AE62	AE63	AE64	AE65	AE66	AE67	AE68	AE69	AE70	AE71	AE72	AE73	AE74	AE75	AE76	AE77	AE78	AE79	AE80	AE81	AE82	AE83	AE84	AE85	AE86	AE87	AE88	AE89	AE90	AE91	AE92	AE93	AE94	AE95	AE96	AE97	AE98	AE99	AE100	AE101	AE102	AE103	AE104	AE105	AE106	AE107	AE108	AE109	AE110	AE111	AE112	AE113	AE114	AE115	AE116	AE117	AE118	AE119	AE120	AE121	AE122	AE123	AE124	AE125	AE126	AE127	AE128	AE129	AE130	AE131	AE132	AE133	AE134	AE135	AE136	AE137	AE138	AE139	AE140	AE141	AE142	AE143	AE144	AE145	AE146	AE147	AE148	AE149	AE150	AE151	AE152	AE153	AE154	AE155	AE156	AE157	AE158	AE159	AE160	AE161	AE162	AE163	AE164	AE165	AE166	AE167	AE168	AE169	AE170	AE171	AE172	AE173	AE174	AE175	AE176	AE177	AE178	AE179	AE180	AE181	AE182	AE183	AE184	AE185	AE186	AE187	AE188	AE189	AE190	AE191	AE192	AE193	AE194	AE195	AE196	AE197	AE198	AE199	AE200	AE201	AE202	AE203	AE204	AE205	AE206	AE207	AE208	AE209	AE210	AE211	AE212	AE213	AE214	AE215	AE216	AE217	AE218	AE219	AE220	AE221	AE222	AE223	AE224	AE225	AE226	AE227	AE228	AE229	AE230	AE231	AE232	AE233	AE234	AE235	AE236	AE237	AE238	AE239	AE240	AE241	AE242	AE243	AE244	AE245	AE246	AE247	AE248	AE249	AE250	AE251	AE252	AE253	AE254	AE255	AE256	AE257	AE258	AE259	AE260	AE261	AE262	AE263	AE264	AE265	AE266	AE267	AE268	AE269	AE270	AE271	AE272	AE273	AE274	AE275	AE276	AE277	AE278	AE279	AE280	AE281	AE282	AE283	AE284	AE285	AE286	AE287	AE288	AE289	AE290	AE291	AE292	AE293	AE294	AE295	AE296	AE297	AE298	AE299	AE300	AE301	AE302	AE303	AE304	AE305	AE306	AE307	AE308	AE309	AE310	AE311	AE312	AE313	AE314	AE315	AE316	AE317	AE318	AE319	AE320	AE321	AE322	AE323	AE324	AE325	AE326	AE327	AE328	AE329	AE330	AE331	AE332	AE333	AE334	AE335	AE336	AE337	AE338	AE339	AE340	AE341	AE342	AE343	AE344	AE345	AE346	AE347	AE348	AE349	AE350	AE351	AE352	AE353	AE354	AE355	AE356	AE357	AE358	AE359	AE360	AE361	AE362	AE363	AE364	AE365	AE366	AE367	AE368	AE369	AE370	AE371	AE372	AE373	AE374	AE375	AE376	AE377	AE378	AE379	AE380	AE381	AE382	AE383	AE384	AE385	AE386	AE387	AE388	AE389	AE390	AE391	AE392	AE393	AE394	AE395	AE396	AE397	AE398	AE399	AE400	AE401	AE402	AE403	AE404	AE405	AE406	AE407	AE408	AE409	AE410	AE411	AE412	AE413	AE414	AE415	AE416	AE417	AE418	AE419	AE420	AE421	AE422	AE423	AE424	AE425	AE426	AE427	AE428	AE429	AE430	AE431	AE432	AE433	AE434	AE435	AE436	AE437	AE438	AE439	AE440	AE441	AE442	AE443	AE444	AE445	AE446	AE447	AE448	AE449	AE450	AE451	AE452	AE453	AE454	AE455	AE456	AE457	AE458	AE459	AE460	AE461	AE462	AE463	AE464	AE465	AE466	AE467	AE468	AE469	AE470	AE471	AE472	AE473	AE474	AE475	AE476	AE477	AE478	AE479	AE480	AE481	AE482	AE483	AE484	AE485	AE486	AE487	AE488	AE489	AE490	AE491	AE492	AE493	AE494	AE495	AE496	AE497	AE498	AE499	AE500	AE501	AE502	AE503	AE504	AE505	AE506	AE507	AE508	AE509	AE510	AE511	AE512	AE513	AE514	AE515	AE516	AE517	AE518	AE519	AE520	AE521	AE522	AE523	AE524	AE525	AE526	AE527	AE528	AE529	AE530	AE531	AE532	AE533	AE534	AE535	AE536	AE537	AE538	AE539	AE540	AE541	AE542	AE543	AE544	AE545	AE546	AE547	AE548	AE549	AE550	AE551	AE552	AE553	AE554	AE555	AE556	AE557	AE558	AE559	AE560	AE561	AE562	AE563	AE564	AE565	AE566	AE567	AE568	AE569	AE570	AE571	AE572	AE573	AE574	AE575	AE576	AE577	AE578	AE579	AE580	AE581	AE582	AE583	AE584	AE585	AE586	AE587	AE588	AE589	AE590	AE591	AE592	AE593	AE594	AE595	AE596	AE597	AE598	AE599	AE600	AE601	AE602	AE603	AE604	AE605	AE606	AE607	AE608	AE609	AE610	AE611	AE612	AE613	AE614	AE615	AE616	AE617	AE618	AE619	AE620	AE621	AE622	AE623	AE624	AE625	AE626	AE627	AE628	AE629	AE630	AE631	AE632	AE633	AE634	AE635	AE636	AE637	AE638	AE639	AE640	AE641	AE642	AE643	AE644	AE645	AE646	AE647	AE648	AE649	AE650	AE651	AE652	AE653	AE654	AE655	AE656	AE657	AE658	AE659	AE660	AE661	AE662	AE663	AE664	AE665	AE666	AE667	AE668	AE669	AE670	AE671	AE672	AE673	AE674	AE675	AE676	AE677	AE678	AE679	AE680	AE681	AE682	AE683	AE684	AE685	AE686	AE687	AE688	AE689	AE690	AE691	AE692	AE693	AE694	AE695	AE696	AE697	AE698	AE699	AE700	AE701	AE702	AE703	AE704	AE705	AE706	AE707	AE708	AE709	AE710	AE711	AE712	AE713	AE714	AE715	AE716	AE717	AE718	AE719	AE720	AE721	AE722	AE723	AE724	AE725	AE726	AE727	AE728	AE729	AE730	AE731	AE732	AE733	AE734	AE735	AE736	AE737	AE738	AE739	AE740	AE741	AE742	AE743	AE744	AE745	AE746	AE747	AE748	AE749	AE750	AE751	AE752	AE753	AE754	AE755	AE756	AE757	AE758	AE759	AE760	AE761	AE762	AE763	AE764	AE765	AE766	AE767	AE768	AE769	AE770	AE771	AE772	AE773	AE774	AE775	AE776	AE777	AE778	AE779	AE780	AE781	AE782	AE783	AE784	AE785	AE786	AE787	AE788	AE789	AE790	AE791	AE792	AE793	AE794	AE795	AE796	AE797	AE798	AE799	AE800	AE801	AE802	AE803	AE804	AE805	AE806	AE807	AE808	AE809	AE810	AE811	AE812	AE813	AE814	AE815	AE816	AE817	AE818	AE819	AE820	AE821	AE822	AE823	AE824	AE825	AE826	AE827	AE828	AE829	AE830	AE831	AE832	AE833	AE834	AE835	AE836	AE837	AE838	AE839	AE840	AE841	AE842	AE843	AE844	AE845	AE846	AE847	AE848	AE849	AE850	AE851	AE852	AE853	AE854	AE855	AE856	AE857	AE858	AE859	AE860	AE861	AE862	AE863	AE864	AE865	AE866	AE867	AE868	AE869	AE870	AE871	AE872	AE873	AE874	AE875	AE876	AE877	AE878	AE879	AE880	AE881	AE882	AE883	AE884	AE885	AE886	AE887	AE888	AE889	AE890	AE891	AE892	AE893	AE894	AE895	AE896	AE897	AE898	AE899	AE900	AE901	AE902	AE903	AE904	AE905	AE906	AE907	AE908	AE909	AE910	AE911	AE912	AE913	AE914	AE915	AE916	AE917	AE918	AE919	AE920	AE921	AE922	AE923	AE924	AE925	AE926	AE927	AE928	AE929	AE930	AE931	AE932	AE933	AE934	AE935	AE936	AE937	AE938	AE939	AE940	AE941	AE942	AE943	AE944	AE945	AE946	AE947	AE948	AE949	AE950	AE951	AE952	AE953	AE954	AE955	AE956	AE957	AE958	AE959	AE960	AE961	AE962	AE963	AE964	AE965	AE966	AE967	AE968	AE969	AE970	AE971	AE972	AE973	AE974	AE975	AE976	AE977	AE978	AE979	AE980	AE981	AE982	AE983	AE984	AE985	AE986	AE987	AE988	AE989	AE990	AE991	AE992	AE993	AE994	AE995	AE996	AE997	AE998	AE999	AE1000
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