- SETTING TABLE 132 kV -

Unit	Feeder	CTR	VTR	Relay	Type	Make	In	Range	Adopt. Sett	inas
E01	RIQE-C	800/1	132/0,11	DOC	7SR1205	SIEMENS	1A	rango	*	*
	Bay No.04	333, 1	102/0,11	DEF	7SR1205	SIEMENS	1A		*	*
								D.Angle(OC&EF)	+45	0
		800/1		C DIFF	SOLKOR N	SIEMENS	1A	P/F setting I _S	0.3 In	
					7SR18			Phase bias 1	30%	
					731(10					
								Phase bias 2	150%	
								Bias Break poin	2 I _n	
								Delay	0.00 Sec.	
E02	SPARE	800/1	132/0,11	DOC	7SR1205 7SR1205	SIEMENS	1A		*	*
				DEF	/ SK 1205	SIEMENS	1A	D Angle(OCSEE)		^
		900/1		CDIFF	COL KOD N	LOIEMENIO	1 1	D.Angle(OC&EF)	+45	0
		800/1		C DIFF		SIEMENS	1A	P/F setting I _S	0.3 ln	
					7SR18			Phase bias 1	30%	
								Phase bias 2	150%	
								Bias Break poin	2 I _n	
								Delay	0.00 Sec.	
E03	TR1 30 MVA	200/1		OC	7SR1102	SIEMENS	1A	NI	100%	0.40 s
				EF	7SR1102			NI	20%	0.10 s
		200/1		Tr.Diff.	7SR242	SIEMENS	1A			
		1600/1						87BD Element	Enabled	
								87 BD Initial	0.30	
								87 BD 1 st Bias Slop	0.30	
								87 BD 1 st Bias Slop Lim	-	
								87 BD 2 nd Bias Slop Typ		
								87 BD 2 nd Bias Slop	1.5	
								87 BD Delay	0.005 s	
								87 BD Inrush Action 87 BD Overfluxing Action	Inhibit OFF	
		1600/1		R.E.F.	7SR1101	SIEMENS	1A	V set = 35.355 Volt, Is=		Ohm
		800/1		S.By. EF	7SR1101	SIEMENS	1A		20%	0.50
E04	Bus Section 1	800/1		OC	7SR1102	SIEMENS	1A	NI	150%	0.60 s
				EF			1A	NI	80%	0.60 s
		800/1		BF	7SS85	SIEMENS		T1=120 ms. T2=260ms	. I=20 %	
E05	ARDY-AW	800/1	132/0,11	DOC	7SR1205	SIEMENS	1A		*	*
	Bay No.25			DEF	7SR1205	SIEMENS	1A	D A . I (000EE)		*
		000/4		O DIEE	0011/00 11	OLEMENIO	4.6	D.Angle(OC&EF)	+45	0
		800/1		C DIFF		SIEMENS	1A	P/F setting I _S	0.3 ln	
1					7SR18			Phase bias 1 Phase bias 2	30% 150%	
								Bias Break poin	2 I _n	
								Bias Break poin	'n	
								Delay	0.00 Sec.	
E06	TR2 30 MVA	200/1		ОС	7SR1102	SIEMENS	1A	NI	100%	0.40 s
				EF	7SR1102			NI	20%	0.10 s
		200/1		Tr.Diff.	7SR242	SIEMENS	1A			
		1600/1						87BD Element	Enabled	
								87 BD Initial	0.30	
								87 BD 1 st Bias Slop	0.30	
								87 BD 1 st Bias Slop Lim		
								87 BD 2 nd Bias Slop Typ		
								87 BD 2 nd Bias Slop	1.5	
								87 BD Delay	0.005 s	
								87 BD Inrush Action 87 BD Overfluxing Action	Inhibit OFF	
		1600/1		R.E.F.	7SR1101	SIEMENS	1A	V set = 35.355 Volt, Is=		Ohm
		800/1		S.By. EF		SIEMENS	1A		20%	0.50
E07	Bus Section 2	800/1		OC OC	7SR1102	SIEMENS	1A	NI	150%	0.60 s
				EF			1A	NI	80%	0.60 s
•	•	•	•	•	•	. '	1	•	•	

		800/1		BF		SIEMENS		T1=120 ms. T2=260ms		
E08	TR3 30 MVA	200/1		ОС	7SR1102	SIEMENS	1A	NI	100%	0.40
		20011		EF DIFF	7SR1102		4.4	NI	20%	0.10
		200/1		Tr.Diff.	7SR242	SIEMENS	1A	0700 51	l	
		1600/1						87BD Element	Enabled	
								87 BD Initial	0.30	
								87 BD 1 st Bias Slop	0.30	
								87 BD 1 st Bias Slop Lim		
								87 BD 2 nd Bias Slop Typ		
								87 BD 2 nd Bias Slop	1.5	
								87 BD Delay	0.005 s	
								87 BD Inrush Action	Inhibit	
		4000/4		D	70D4404	SIEMENS	4.0	87 BD Overfluxing Action		Ob
		1600/1 800/1		R.E.F. S.By. EF	_	SIEMENS	1A 1A	V set = 35.355 Volt, Is=	0.2A R=180 20 %	0.50 0.50
E09	SPARE	800/1	132/0,11	DOC	7SR1101	SIEMENS	1A	SI IEC; 30 deg+-90	100%	0.10
E09	SFARE	800/1	132/0,11	DEF	7SR1205	SIEMENS	1A	SI IEC; 90 deg+-90	80%	0.10
					70111200		171	D.Angle(OC&EF)	+45	0.10
		800/1		C DIFF	SOLKOR N	SIEMENIS	1A	P/F setting I _s	0.3 ln	
		800/1		CDIII	7SR18	SILIVILING	IA.	Phase bias 1	30%	
					73010			Phase bias 2	150%	
								Bias Break poin	2 I _n	
								Delay	0.00 Sec.	
E10	Bus Section3	800/1		ОС	7SR1102	SIEMENS	1A	NI	150%	0.60
	Bus occions	000/1		EF	7011102	OILWILING	1A	NI	80%	0.60
		800/1		BF	7SR1103	SIEMENS	.,,	T1=120 ms. T2=260ms		0.00
E11	TR4 30 MVA	200/1		ОС	7SR1102	SIEMENS	1A	NI	100%	0.40
				EF	7SR1102			NI	20%	0.10
		200/1		Tr.Diff.	7SR242	SIEMENS	1A			
		1600/1						87BD Element	Enabled	
								87 BD Initial	0.30	
								87 BD 1 st Bias Slop	0.30	
								87 BD 1st Bias Slop Lim	3 In	
								87 BD 2 nd Bias Slop Typ	Line	
								87 BD 2 nd Bias Slop	1.5	
								87 BD Delay	0.005 s	
								87 BD Inrush Action	Inhibit	
								87 BD Overfluxing Actio	OFF	
		1600/1		R.E.F.	7SR1101	SIEMENS	1A	V set = 35.355 Volt, Is=		Ohm
		800/1		S.By. EF	7SR1101	SIEMENS	1A		20%	0.5
E12	SPARE	800/1	132/0,11			SIEMENS	1A	SI IEC; 30 deg+-90	*	*
				DEF	7SR1205	SIEMENS	1A	SI IEC; 90 deg+-90	*	*
								D.Angle(OC&EF)	+45	0
		800/1		C DIFF	SOLKOR N	SIEMENS	1A	P/F setting I _S	0.3 In	
					7SR18			Phase bias 1	30%	
								Phase bias 2	150%	
	1							Bias Break poin	2 I _n	
			1					Delay	0.00 Sec.	
						CIEMENIC	1A	SI IEC; 30 deg+-90	*	*
E13	EARD-A	800/1	132/0,11	DOC		SIEMENS				
E13	EARD-A Bay No.11	800/1	132/0,11	DOC DEF		SIEMENS	1A	SI IEC; 90 deg+-90	*	*
E13		800/1	132/0,11		7SR1205	SIEMENS		D.Angle(OC&EF)	* +45	*
E13		800/1	132/0,11			SIEMENS		_		
E13			132/0,11	DEF	7SR1205	SIEMENS	1A	D.Angle(OC&EF)	+45	
E13			132/0,11	DEF	7SR1205 SOLKOR N	SIEMENS	1A	D.Angle(OC&EF) P/F setting I _S	+45 0.3 ln	
E13			132/0,11	DEF	7SR1205 SOLKOR N	SIEMENS	1A	D.Angle(OC&EF) P/F setting I _S Phase bias 1	+45 0.3 In 30%	

Type: 7SS85 Make: SIEMENS Type: 7SR1103 Make: SIEMENS