

	<p>GE Industrial Consumer & Industrial, Supply</p> <p>Av. Ernesto Igel, 308, Lapa São Paulo - SP - 05077-010 Brasil</p> <p>T 55 11 2178-1700 F 55 11 2178-1792</p>	
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1.4 – TABELAS DE AJUSTES :

1.4.1. - UNIDADES B-30 da SE RECEBEDORA :

1.4.1.1 – SETOR DE 345 KV – Barras I e II

FUNÇÃO 87

Ajustes	Valor
PICKUP	0.4
LOWSLOPE	20 %
LOWBPNT	6
HIGHSLOPE	40 %
HIGHBPNT	30
HIGHSET	6.51

FUNÇÃO 51

Ajustes	Valor
PHASE TOC SIGNAL	SRC5
PHASE TOC INPUT	PHASOR
PHASE TOC PICKUP	0.801
PHASE TOC CURVE	IEC Short Inverse
PHASE TOC TD MULTIPLIER	0.274

FUNÇÃO 51N

Ajustes	Valor
NEUTRAL TOC SIGNAL	SRC5
NEUTRAL TOC INPUT	PHASOR
NEUTRAL TOC PICKUP	0.164
NEUTRAL TOC CURVE	IEC Short Inverse
NEUTRAL TOC TD MULTIPLIER	0.688

FUNÇÃO 50P

Ajustes	Valor
PHASE IOC SIGNAL	SRC5
PHASE IOC INPUT	PHASOR
PHASE IOC PICKUP	12.5
PHASE IOC PICKUP DELAY	0.132

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FUNÇÃO 50N

Ajustes	Valor
NEUTRAL IOC SIGNAL	SRC5
NUETRAL IOC INPUT	PHASOR
NEUTRAL IOC PICKUP	4.55
NEUTRAL IOC PICKUP DELAY	0.154

1.4.2 - UNIDADES B-30 da SE RECEBEDORA :

1.4.2.1 – SETOR DE 88 KV – Barras I e II

FUNÇÃO 87

Ajustes	Valor
PICKUP	0.4
LOWSLOPE	20 %
LOWBPNT	6
HIGHSLOPE	40 %
HIGHBPNT	30
HIGHSET	3.35

FUNÇÃO 51

Ajustes	Valor
PHASE TOC SIGNAL	SRC5
PHASE TOC INPUT	PHASOR
PHASE TOC PICKUP	1.886
PHASE TOC CURVE	IEC Short Inverse
PHASE TOC TD MULTIPLIER	0.183

FUNÇÃO 51N

Ajustes	Valor
NEUTRAL TOC SIGNAL	SRC5
NEUTRAL TOC INPUT	PHASOR
NEUTRAL TOC PICKUP	0.164
NEUTRAL TOC CURVE	IEC Short Inverse
NEUTRAL TOC TD MULTIPLIER	0.688

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FUNÇÃO 50P

Ajustes	Valor
PHASE IOC SIGNAL	SRC5
PHASE IOC INPUT	PHASOR
PHASE IOC PICKUP	12.5
PHASE IOC PICKUP DELAY	0.132

FUNÇÃO 50N

Ajustes	Valor
NEUTRAL IOC SIGNAL	SRC5
NUETRAL IOC INPUT	PHASOR
NEUTRAL IOC PICKUP	12.21
NEUTRAL IOC PICKUP DELAY	0.154

1.4.3 - UNIDADES B-30 da SEM-09 :

1.4.3.1 – SETOR DE 88 KV – Barras I e II

FUNÇÃO 87

Ajustes	Valor
PICKUP	0.4
LOWSLOPE	20 %
LOWBPNT	3.94
HIGHSLOPE	40 %
HIGHBPNT	19.71
HIGHSET	3.14

FUNÇÃO 51

Ajustes	Valor
PHASE TOC SIGNAL	SRC4
PHASE TOC INPUT	PHASOR
PHASE TOC PICKUP	1.886
PHASE TOC CURVE	IEC Short Inverse
PHASE TOC TD MULTIPLIER	0.0253

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FUNÇÃO 51N

Ajustes	Valor
NEUTRAL TOC SIGNAL	SRC4
NEUTRAL TOC INPUT	PHASOR
NEUTRAL TOC PICKUP	0.164
NEUTRAL TOC CURVE	IEC Short Inverse
NEUTRAL TOC TD MULTIPLIER	0.428

FUNÇÃO 50P

Ajustes	Valor
PHASE IOC SIGNAL	SRC4
PHASE IOC INPUT	PHASOR
PHASE IOC PICKUP	10.15
PHASE IOC PICKUP DELAY	0.132

FUNÇÃO 50N

Ajustes	Valor
NEUTRAL IOC SIGNAL	SRC4
NEUTRAL IOC INPUT	PHASOR
NEUTRAL IOC PICKUP	3.95
NEUTRAL IOC PICKUP DELAY	0.154

2.2. – TABELAS DE AJUSTES :

2.2.1 - UNIDADES L-90 da SE RECEBEDORA : (Linhas I e II).

FUNÇÃO 87L

Ajustes	Valor
CURRENT DIFF PICKUP	1.23
CURRENT DIFF CT TAP 1	0.6
CURRENT DIFF CT TAP 2	1
CURRENT DIFF RESTRAINT 1	15%
CURRENT DIFF RESTRAINT 2	35%
CURRENT DIFF BREAK PT	3.28
CURRENT DIFF DTT	ENABLED
CURRENT DIFF KEY DTT	OFF

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2.2.2 - UNIDADES L-90 da SE 06 : (Linhas I e II).

FUNÇÃO 87L

Ajustes	Valor
CURRENT DIFF PICKUP	0.34
CURRENT DIFF CT TAP 1	1.66
CURRENT DIFF CT TAP 2	1.66
CURRENT DIFF RESTRAINT 1	15%
CURRENT DIFF RESTRAINT 2	35%
CURRENT DIFF BREAK PT	0.54
CURRENT DIFF DTT	ENABLED
CURRENT DIFF KEY DTT	OFF

FUNÇÃO 50P

Ajustes	Valor
PHASE IOC1 SIGNAL	SRC1
PHASE IOC1 PICKUP	10.79
PHASE IOC1 PICKUP DELAY	0.15

50_2

Ajustes	Valor
NEG SEQ IOC1 SIGNAL	SRC1
NEG SEQ IOC1 PICKUP	4.19
NEG SEQ IOC1 PICKUP DELAY	0.15

2.2.3 - UNIDADES L-90 da SEM-09 : (Linhas I e II).

FUNÇÃO 87L

Ajustes	Valor
CURRENT DIFF PICKUP	0.98
CURRENT DIFF CT TAP 1	1
CURRENT DIFF CT TAP 2	0.6
CURRENT DIFF RESTRAINT 1	15%
CURRENT DIFF RESTRAINT 2	35%
CURRENT DIFF BREAK PT	2.62
CURRENT DIFF DTT	ENABLED
CURRENT DIFF KEY DTT	OFF