

SEL-387-5 Settings Report

Overview Information

File Name	SAN FDO_BT4_S1_SEL387_31-05-2024
RDB	San Fernando 05-2024.rdb
Device	SEL-387-5
Setting Version Number	004
Part Number	0387512X532X2X1
Firmware ID	SEL-387-5-RXXX-V0-Z004003-DXXXXXXXXX
SELBoot Firmware ID	SLBT-387-5-R100-V0-Z004003-D20010703

Settings

[Group 1](#)

[Global](#)

Settings Legend

Visible Setting

Hidden Setting

Invalid Setting

Group 1			
Top			
Setting	Description	Range	Value
RID	Relay Identifier: (39 Characters)		SE SAN FERNANDO
TID	Terminal Identifier: (59 Characters)		SEL387 87T T4
E87W1	Enable Wdg1 in Differential Element	Select: N, Y, Y1	Y
E87W2	Enable Wdg2 in Differential Element	Select: N, Y, Y1	Y
E87W3	Enable Wdg3 in Differential Element	Select: N, Y, Y1	N
E87W4	Enable Wdg4 in Differential Element	Select: N, Y, Y1	N
EOC1	Enable Wdg1 O/C Elements and Dmd. Thresholds	Select: N, Y	Y
EOC2	Enable Wdg2 O/C Elements and Dmd. Thresholds	Select: N, Y	Y
EOC3	Enable Wdg3 O/C Elements and Dmd. Thresholds	Select: N, Y	N
EOC4	Enable Wdg4 O/C Elements and Dmd. Thresholds	Select: N, Y	N
EOCC	Enable Combined O/C Elements	Select: N, Y	N
E49A	Enable RTDA Elements	Select: N, Y	N
E49B	Enable RTDB Elements	Select: N, Y	N
ESLS1	Enable SELogic Set 1	Select: N, Y	Y
ESLS2	Enable SELogic Set 2	Select: N, Y	N
ESLS3	Enable SELogic Set 3	Select: N, Y	N
W1CT	Wdg 1 CT Connection	Select: D, Y	Y
W2CT	Wdg 2 CT Connection	Select: D, Y	Y
W3CT	Wdg 3 CT Connection	Select: D, Y	Y
W4CT	Wdg 4 CT Connection	Select: D, Y	Y
CTR1	Wdg 1 CT Ratio	1-50000	80
CTR2	Wdg 2 CT Ratio	1-50000	160
CTR3	Wdg 3 CT Ratio	1-50000	1
CTR4	Wdg 4 CT Ratio	1-50000	1
MVA	Maximum Power Xfmr Capacity	OFF,0.2-5000.0 MVA	18,7
ICOM	Define Internal CT Connection Compensation	Select: N, Y	Y
W1CTC	Wdg 1 CT Conn. Compensation	Select: 0-12	12
W2CTC	Wdg 2 CT Conn. Compensation	Select: 0-12	1
W3CTC	Wdg 3 CT Conn. Compensation	Select: 0-12	0
W4CTC	Wdg 4 CT Conn. Compensation	Select: 0-12	0
VWDG1	Wdg 1 Line-to-Line Voltage	1.00-1000.00 kV	66,00
VWDG2	Wdg 2 Line-to-Line Voltage	1.00-1000.00 kV	14,80
VWDG3	Wdg 3 Line-to-Line Voltage	1.00-1000.00 kV	13,80
VWDG4	Wdg 4 Line-to-Line Voltage	1.00-1000.00 kV	13,80
TAP1	Wdg 1 Current Tap	Auto. setting when MVA ! = OFF	2,04
TAP2	Wdg 2 Current Tap	Auto. setting when MVA ! = OFF	4,56

TAP3	Wdg 3 Current Tap	Auto. setting when MVA ! = OFF	782,35
TAP4	Wdg 4 Current Tap	Auto. setting when MVA ! = OFF	782,35
O87P	Restrained Element Current PU	0.10-1.00 TAP	0,35
SLP1	Restraint Slope 1 Percentage	5-100%	35
SLP2	Restraint Slope 2 Percentage	OFF,25-200%	50
IRS1	Restraint Current Slope 1 Limit	1.0-20.0 TAP	3,0
U87P	Unrestrained Element Current PU	1-20 TAP	6,9
PCT2	2nd Harmonic Blocking Percentage	OFF,5-100%	15
PCT4	4th Harmonic Blocking Percentage	OFF,5-100%	15
PCT5	5th Harmonic Blocking Percentage	OFF,5-100%	35
TH5P	5th Harmonic Alarm Threshold	OFF,0.02-3.2 TAP	OFF
TH5D	5th Harmonic Alarm TDP	0.000-8000.000 cyc	30,000
DCRB	DC Ratio Blocking	Select: N, Y	N
HRSTR	Harmonic Restraint	Select: N, Y	Y
IHBL	Independent Harmonic Blocking	Select: N, Y	N
E32I	Enable 32I (SELogic Equation)		0
32IOP	Operating Quantity from W1,W2,W3	Select: 1-3, 12, 23, 123	1
a0	Pos-Seq Current Restraint Factor,I0/I1	0.02-0.50	0,10
50GP	Residual Current Sensitivity Threshold	0.25-15A	0,50
50P11P	Phase Def-Time O/C Level 1 PU	OFF, 0.25-100A	50,00
50P11D	Phase Level 1 O/C Delay	0.00-16000.00 cyc	0,00
50P11TC	50P11 Torque Control (SELogic Equation)		1
50P12P	Phase Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50P12TC	50P12 Torque Control (SELogic Equation)		1
50P13P	Phase Inst O/C Level 3 PU	OFF, 0.25-100A	OFF
50P14P	Phase Inst O/C Level 4 PU	OFF, 0.25-100A	OFF
51P1P	Phase Inv-Time O/C PU	OFF, 0.50-16.00A	2,45
51P1C	Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P1TD	Phase Inv-Time O/C Time-Dial	0.50-15.00	6,00
51PIRS	Phase Inv-Time O/C EM Reset	Select: N, Y	N
51P1TC	51P1 Torque Control (SELogic Equation)		1
50Q11P	Neg-Seq Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50Q11D	Neg-Seq Level 1 O/C Delay	0.50-16000.00 cyc	5,00
50Q11TC	50Q11 Torque Control (SELogic Equation)		1
50Q12P	Neg-Seq Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50Q12TC	50Q12 Torque Control (SELogic Equation)		1
51Q1P	Neg-Seq Inv-Time O/C PU	OFF, 0.50-16.00A	OFF
51Q1C	Neg-Seq Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51Q1TD	Neg-Seq Inv-Time O/C Time-Dial	0.5-15	3,00
51Q1RS	Neg-Seq Inv-Time O/C EM Reset	Select: N, Y	Y

51Q1TC	51Q1 Torque Control (SELogic Equation)		1
50N11P	Residual Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50N11D	Residual Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50N11TC	50N11 Torque Control (SELogic Equation)		1
50N12P	Residual Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50N12TC	50N12 Torque Control (SELogic Equation)		1
51N1P	Residual Inv-Time O/C PU	OFF, 0.50-16.00A	0,50
51N1C	Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51N1TD	Residual Inv-Time O/C Time-Dial	0.50-15.00	1,00
51N1RS	Residual Inv-Time O/C EM Reset	Select: N, Y	N
51N1TC	51N1 Torque Control (SELogic Equation)		1
DATC1	Demand Ammeter Time Constant	OFF, 5-255 min	15
PDEM1P	Phase Demand Ammeter Threshold	0.50-16.00A	0,50
QDEM1P	Neg-Seq Demand Ammeter Threshold	0.50-16.00A	0,50
NDEM1P	Residual Demand Ammeter Threshold	0.50-16.00A	0,50
50P21P	Phase Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50P21D	Phase Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50P21TC	50P21 Torque Control (SELogic Equation)		1
50P22P	Phase Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50P22TC	50P22 Torque Control (SELogic Equation)		1
50P23P	Phase Inst O/C Level 3 PU	OFF, 0.25-100A	OFF
50P24P	Phase Inst O/C Level 4 PU	OFF, 0.25-100A	OFF
51P2P	Phase Inv-Time O/C PU	OFF, 0.50-16.00A	5,47
51P2C	Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P2TD	Phase Inv-Time O/C Time-Dial	0.50-15.00	3,00
51P2RS	Phase Inv-Time O/C EM Reset	Select: N, Y	N
51P2TC	51P2 Torque Control (SELogic Equation)		1
50Q21P	Neg-Seq Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50Q21D	Neg-Seq Level 1 O/C Delay	0.50-16000.00 cyc	5,00
50Q21TC	50Q21 Torque Control (SELogic Equation)		1
50Q22P	Neg-Seq Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50Q22TC	50Q22 Torque Control (SELogic Equation)		1
51Q2P	Neg-Seq Inv-Time O/C PU	OFF, 0.50-16.00A	OFF
51Q2C	Neg-Seq Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51Q2TD	Neg-Seq Inv-Time O/C Time-Dial	0.5-15	3,50
51Q2RS	Neg-Seq Inv-Time O/C EM Reset	Select: N, Y	Y
51Q2TC	51Q2 Torque Control (SELogic Equation)		1
50N21P	Residual Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50N21D	Residual Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50N21TC	50N21 Torque Control (SELogic Equation)		1
50N22P	Residual Inst O/C Level 2 PU	OFF, 0.25-100A	OFF

50N22TC	50N22 Torque Control (SELogic Equation)		1
51N2P	Residual Inv-Time O/C PU	OFF, 0.50-16.00A	0,68
51N2C	Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51N2TD	Residual Inv-Time O/C Time-Dial	0.50-15.00	13,00
51N2RS	Residual Inv-Time O/C EM Reset	Select: N, Y	N
51N2TC	51N2 Torque Control (SELogic Equation)		1
DATC2	Demand Ammeter Time Constant	OFF, 5-255 min	15
PDEM2P	Phase Demand Ammeter Threshold	0.50-16.00A	0,50
QDEM2P	Neg-Seq Demand Ammeter Threshold	0.50-16.00A	0,50
NDEM2P	Residual Demand Ammeter Threshold	0.50-16.00A	0,50
50P31P	Phase Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50P31D	Phase Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50P31TC	50P31 Torque Control (SELogic Equation)		1
50P32P	Phase Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50P32TC	50P32 Torque Control (SELogic Equation)		1
50P33P	Phase Inst O/C Level 3 PU	OFF, 0.25-100A	0,50
50P34P	Phase Inst O/C Level 4 PU	OFF, 0.25-100A	3,50
51P3P	Phase Inv-Time O/C PU	OFF, 0.50-16.00A	3,50
51P3C	Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51P3TD	Phase Inv-Time O/C Time-Dial	0.50-15.00	3,50
51P3RS	Phase Inv-Time O/C EM Reset	Select: N, Y	Y
51P3TC	51P3 Torque Control (SELogic Equation)		1
50Q31P	Neg-Seq Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50Q31D	Neg-Seq Level 1 O/C Delay	0.50-16000.00 cyc	5,00
50Q31TC	50Q31 Torque Control (SELogic Equation)		1
50Q32P	Neg-Seq Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50Q32TC	50Q32 Torque Control (SELogic Equation)		1
51Q3P	Neg-Seq Inv-Time O/C PU	OFF, 0.50-16.00A	5,25
51Q3C	Neg-Seq Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51Q3TD	Neg-Seq Inv-Time O/C Time-Dial	0.5-15	3,50
51Q3RS	Neg-Seq Inv-Time O/C EM Reset	Select: N, Y	Y
51Q3TC	51Q3 Torque Control (SELogic Equation)		1
50N31P	Residual Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50N31D	Residual Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50N31TC	50N31 Torque Control (SELogic Equation)		1
50N32P	Residual Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50N32TC	50N32 Torque Control (SELogic Equation)		1
51N3P	Residual Inv-Time O/C PU	OFF, 0.50-16.00A	OFF
51N3C	Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51N3TD	Residual Inv-Time O/C Time-Dial	0.50-15.00	1,00

51N3RS	Residual Inv-Time O/C EM Reset	Select: N, Y	Y
51N3TC	51N3 Torque Control (SELogic Equation)		1
DATC3	Demand Ammeter Time Constant	OFF,5-255 min	15
PDEM3P	Phase Demand Ammeter Threshold	0.50-16.00A	7,00
QDEM3P	Neg-Seq Demand Ammeter Threshold	0.50-16.00A	1,00
NDEM3P	Residual Demand Ammeter Threshold	0.50-16.00A	1,00
50P41P	Phase Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50P41D	Phase Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50P41TC	50P41 Torque Control (SELogic Equation)		1
50P42P	Phase Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50P42TC	50P42 Torque Control (SELogic Equation)		1
50P43P	Phase Inst O/C Level 3 PU	OFF, 0.25-100A	0,50
50P44P	Phase Inst O/C Level 4 PU	OFF, 0.25-100A	3,50
51P4P	Phase Inv-Time O/C PU	OFF, 0.50-16.00A	3,50
51P4C	Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51P4TD	Phase Inv-Time O/C Time-Dial	0.50-15.00	3,50
51P4RS	Phase Inv-Time O/C EM Reset	Select: N, Y	Y
51P4TC	51P4 Torque Control (SELogic Equation)		1
50Q41P	Neg-Seq Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50Q41D	Neg-Seq Level 1 O/C Delay	0.50-16000.00 cyc	5,00
50Q41TC	50Q41 Torque Control (SELogic Equation)		1
50Q42P	Neg-Seq Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50Q42TC	50Q42 Torque Control (SELogic Equation)		1
51Q4P	Neg-Seq Inv-Time O/C PU	OFF, 0.50-16.00A	5,25
51Q4C	Neg-Seq Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51Q4TD	Neg-Seq Inv-Time O/C Time-Dial	0.5-15	3,50
51Q4RS	Neg-Seq Inv-Time O/C EM Reset	Select: N, Y	Y
51Q4TC	51Q4 Torque Control (SELogic Equation)		1
50N41P	Residual Def-Time O/C Level 1 PU	OFF, 0.25-100A	OFF
50N41D	Residual Level 1 O/C Delay	0.00-16000.00 cyc	5,00
50N41TC	50N41 Torque Control (SELogic Equation)		1
50N42P	Residual Inst O/C Level 2 PU	OFF, 0.25-100A	OFF
50N42TC	50N42 Torque Control (SELogic Equation)		1
51N4P	Residual Inv-Time O/C PU	OFF, 0.50-16.00A	OFF
51N4C	Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51N4TD	Residual Inv-Time O/C Time-Dial	0.50-15.00	1,00
51N4RS	Residual Inv-Time O/C EM Reset	Select: N, Y	Y
51N4TC	51N4 Torque Control (SELogic Equation)		1
DATC4	Demand Ammeter Time Constant	OFF,5-255 min	15
PDEM4P	Phase Demand Ammeter Threshold	0.50-16.00A	7,00
QDEM4P	Neg-Seq Demand Ammeter Threshold	0.50-16.00A	1,00

NDEM4P	Residual Demand Ammeter Threshold	0.50-16.00A	1,00
51PC1P	W1-W2 Phase Inv-Time O/C PU	OFF, 0.50-16.00A	4,00
51PC1C	W1-W2 Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51PC1TD	W1-W2 Phase Inv-Time O/C Time-Dial	0.50-15.00	3,00
51PC1RS	W1-W2 Phase Inv-Time O/C EM Reset	Select: N, Y	Y
51NC1P	W1-W2 Residual Inv-Time O/C PU	OFF, 0.50-16.00A	1,00
51NC1C	W1-W2 Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51NC1TD	W1-W2 Residual Inv-Time O/C Time-Dial	0.50-15.00	3,00
51NC1RS	W1-W2 Residual Inv-Time O/C EM Reset	Select: N, Y	Y
51PC2P	W3-W4 Phase Inv-Time O/C PU	OFF, 0.50-16.00A	4,00
51PC2C	W3-W4 Phase Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51PC2TD	W3-W4 Phase Inv-Time O/C Time-Dial	0.50-15.00	3,00
51PC2RS	W3-W4 Phase Inv-Time O/C EM Reset	Select: N, Y	Y
51NC2P	W3-W4 Residual Inv-Time O/C PU	OFF, 0.50-16.00A	1,00
51NC2C	W3-W4 Residual Inv-Time O/C Curve	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U2
51NC2TD	W3-W4 Residual Inv-Time O/C Time-Dial	0.50-15.00	3,00
51NC2RS	W3-W4 Residual Inv-Time O/C EM Reset	Select: N, Y	Y
49A01A	RTD 1A Alarm Temperature	OFF, 32-482 F	OFF
49T01A	RTD 1A Trip Temperature	OFF, 32-482 F	OFF
49A02A	RTD 2A Alarm Temperature	OFF, 32-482 F	OFF
49T02A	RTD 2A Trip Temperature	OFF, 32-482 F	OFF
49A03A	RTD 3A Alarm Temperature	OFF, 32-482 F	OFF
49T03A	RTD 3A Trip Temperature	OFF, 32-482 F	OFF
49A04A	RTD 4A Alarm Temperature	OFF, 32-482 F	OFF
49T04A	RTD 4A Trip Temperature	OFF, 32-482 F	OFF
49A05A	RTD 5A Alarm Temperature	OFF, 32-482 F	OFF
49T05A	RTD 5A Trip Temperature	OFF, 32-482 F	OFF
49A06A	RTD 6A Alarm Temperature	OFF, 32-482 F	OFF
49T06A	RTD 6A Trip Temperature	OFF, 32-482 F	OFF
49A07A	RTD 7A Alarm Temperature	OFF, 32-482 F	OFF
49T07A	RTD 7A Trip Temperature	OFF, 32-482 F	OFF
49A08A	RTD 8A Alarm Temperature	OFF, 32-482 F	OFF
49T08A	RTD 8A Trip Temperature	OFF, 32-482 F	OFF
49A09A	RTD 9A Alarm Temperature	OFF, 32-482 F	OFF
49T09A	RTD 9A Trip Temperature	OFF, 32-482 F	OFF
49A10A	RTD 10A Alarm Temperature	OFF, 32-482 F	OFF
49T10A	RTD 10A Trip Temperature	OFF, 32-482 F	OFF
49A11A	RTD 11A Alarm Temperature	OFF, 32-482 F	OFF
49T11A	RTD 11A Trip Temperature	OFF, 32-482 F	OFF
49A12A	RTD 12A Alarm Temperature	OFF, 32-482 F	OFF

49T12A	RTD 12A Trip Temperature	OFF, 32-482 F	OFF
49A01B	RTD 1B Alarm Temperature	OFF, 32-482 F	OFF
49T01B	RTD 1B Trip Temperature	OFF, 32-482 F	OFF
49A02B	RTD 2B Alarm Temperature	OFF, 32-482 F	OFF
49T02B	RTD 2B Trip Temperature	OFF, 32-482 F	OFF
49A03B	RTD 3B Alarm Temperature	OFF, 32-482 F	OFF
49T03B	RTD 3B Trip Temperature	OFF, 32-482 F	OFF
49A04B	RTD 4B Alarm Temperature	OFF, 32-482 F	OFF
49T04B	RTD 4B Trip Temperature	OFF, 32-482 F	OFF
49A05B	RTD 5B Alarm Temperature	OFF, 32-482 F	OFF
49T05B	RTD 5B Trip Temperature	OFF, 32-482 F	OFF
49A06B	RTD 6B Alarm Temperature	OFF, 32-482 F	OFF
49T06B	RTD 6B Trip Temperature	OFF, 32-482 F	OFF
49A07B	RTD 7B Alarm Temperature	OFF, 32-482 F	OFF
49T07B	RTD 7B Trip Temperature	OFF, 32-482 F	OFF
49A08B	RTD 8B Alarm Temperature	OFF, 32-482 F	OFF
49T08B	RTD 8B Trip Temperature	OFF, 32-482 F	OFF
49A09B	RTD 9B Alarm Temperature	OFF, 32-482 F	OFF
49T09B	RTD 9B Trip Temperature	OFF, 32-482 F	OFF
49A10B	RTD 10B Alarm Temperature	OFF, 32-482 F	OFF
49T10B	RTD 10B Trip Temperature	OFF, 32-482 F	OFF
49A11B	RTD 11B Alarm Temperature	OFF, 32-482 F	OFF
49T11B	RTD 11B Trip Temperature	OFF, 32-482 F	OFF
49A12B	RTD 12B Alarm Temperature	OFF, 32-482 F	OFF
49T12B	RTD 12B Trip Temperature	OFF, 32-482 F	OFF
TDURD	Minimum Trip Duration Delay	4.000-8000 cyc	9,000
CFD	Close Failure Logic Delay	OFF, 0.000-8000 cyc	60,000
S1V1	Set 1 Variable 1 (SELogic Equation)		OC1
S1V1PU	S1V1 Timer Pickup	OFF, 0.000-999999.000 cyc	0,000
S1V1DO	S1V1 Timer Dropout	OFF, 0.000-999999.000 cyc	9,000
S1V2	Set 1 Variable 2 (SELogic Equation)		CC1
S1V2PU	S1V2 Timer Pickup	0-999999.00 cyc	0,000
S1V2DO	S1V2 Timer Dropout	0-999999.00 cyc	9,000
S1V3	Set 1 Variable 3 (SELogic Equation)		OC2
S1V3PU	S1V3 Timer Pickup	0-999999.00 cyc	0,000
S1V3DO	S1V3 Timer Dropout	0-999999.00 cyc	9,000
S1V4	Set 1 Variable 4 (SELogic Equation)		CC2
S1V4PU	S1V4 Timer Pickup	0-999999.00 cyc	0,000
S1V4DO	S1V4 Timer Dropout	0-999999.00 cyc	9,000
S1SLT1	Set 1 Latch Bit 1 SET Input (SELogic Equation)		0
S1RLT1	Set 1 Latch Bit 1 RESET Input (SELogic Equation)		0
S1SLT2	Set 1 Latch Bit 2 SET Input (SELogic Equation)		0

S1RLT2	Set 1 Latch Bit 2 RESET Input (SELogic Equation)		0
S1SLT3	Set 1 Latch Bit 3 SET Input (SELogic Equation)		0
S1RLT3	Set 1 Latch Bit 3 RESET Input (SELogic Equation)		0
S1SLT4	Set 1 Latch Bit 4 SET Input (SELogic Equation)		0
S1RLT4	Set 1 Latch Bit 4 RESET Input (SELogic Equation)		0
S2V1	Set 2 Variable 1 (SELogic Equation)		0
S2V1PU	S2V1 Timer Pickup	OFF, 0.000-999999.000 cyc	0,000
S2V1DO	S2V1 Timer Dropout	OFF, 0.000-999999.000 cyc	0,000
S2V2	Set 2 Variable 2 (SELogic Equation)		0
S2V2PU	S2V2 Timer Pickup	0-999999.00 cyc	0,000
S2V2DO	S2V2 Timer Dropout	0-999999.00 cyc	0,000
S2V3	Set 2 Variable 3 (SELogic Equation)		0
S2V3PU	S2V3 Timer Pickup	0-999999.00 cyc	0,000
S2V3DO	S2V3 Timer Dropout	0-999999.00 cyc	0,000
S2V4	Set 2 Variable 4 (SELogic Equation)		0
S2V4PU	S2V4 Timer Pickup	0-999999.00 cyc	0,000
S2V4DO	S2V4 Timer Dropout	0-999999.00 cyc	0,000
S2SLT1	Set 2 Latch Bit 1 SET Input (SELogic Equation)		0
S2RLT1	Set 2 Latch Bit 1 RESET Input (SELogic Equation)		0
S2SLT2	Set 2 Latch Bit 2 SET Input (SELogic Equation)		0
S2RLT2	Set 2 Latch Bit 2 RESET Input (SELogic Equation)		0
S2SLT3	Set 2 Latch Bit 3 SET Input (SELogic Equation)		0
S2RLT3	Set 2 Latch Bit 3 RESET Input (SELogic Equation)		0
S2SLT4	Set 2 Latch Bit 4 SET Input (SELogic Equation)		0
S2RLT4	Set 2 Latch Bit 4 RESET Input (SELogic Equation)		0
S3V1	Set 3 Variable 1 (SELogic Equation)		0
S3V1PU	S3V1 Timer Pickup	OFF, 0.000-999999.000 cyc	0,000
S3V1DO	S3V1 Timer Dropout	OFF, 0.000-999999.000 cyc	0,000
S3V2	Set 3 Variable 2 (SELogic Equation)		0
S3V2PU	S3V2 Timer Pickup	0-999999.00 cyc	0,000
S3V2DO	S3V2 Timer Dropout	0-999999.00 cyc	0,000
S3V3	Set 3 Variable 3 (SELogic Equation)		0
S3V3PU	S3V3 Timer Pickup	0-999999.00 cyc	0,000
S3V3DO	S3V3 Timer Dropout	0-999999.00 cyc	0,000
S3V4	Set 3 Variable 4 (SELogic Equation)		0
S3V4PU	S3V4 Timer Pickup	0-999999.00 cyc	0,000
S3V4DO	S3V4 Timer Dropout	0-999999.00 cyc	0,000
S3V5	Set 3 Variable 5 (SELogic Equation)		0
S3V5PU	S3V5 Timer Pickup	0-999999.00 cyc	0,000
S3V5DO	S3V5 Timer Dropout	0-999999.00 cyc	0,000

S3V6	Set 3 Variable 6 (SELogic Equation)		0
S3V6PU	S3V6 Timer Pickup	0-999999.00 cyc	0,000
S3V6DO	S3V6 Timer Dropout	0-999999.00 cyc	0,000
S3V7	Set 3 Variable 7 (SELogic Equation)		0
S3V7PU	S3V7 Timer Pickup	0-999999.00 cyc	0,000
S3V7DO	S3V7 Timer Dropout	0-999999.00 cyc	0,000
S3V8	Set 3 Variable 8 (SELogic Equation)		0
S3V8PU	S3V8 Timer Pickup	0-999999.00 cyc	0,000
S3V8DO	S3V8 Timer Dropout	0-999999.00 cyc	0,000
S3SLT1	Set 3 Latch Bit 1 SET Input (SELogic Equation)		0
S3RLT1	Set 3 Latch Bit 1 RESET Input (SELogic Equation)		0
S3SLT2	Set 3 Latch Bit 2 SET Input (SELogic Equation)		0
S3RLT2	Set 3 Latch Bit 2 RESET Input (SELogic Equation)		0
S3SLT3	Set 3 Latch Bit 3 SET Input (SELogic Equation)		0
S3RLT3	Set 3 Latch Bit 3 RESET Input (SELogic Equation)		0
S3SLT4	Set 3 Latch Bit 4 SET Input (SELogic Equation)		0
S3RLT4	Set 3 Latch Bit 4 RESET Input (SELogic Equation)		0
S3SLT5	Set 3 Latch Bit 5 SET Input (SELogic Equation)		0
S3RLT5	Set 3 Latch Bit 5 RESET Input (SELogic Equation)		0
S3SLT6	Set 3 Latch Bit 6 SET Input (SELogic Equation)		0
S3RLT6	Set 3 Latch Bit 6 RESET Input (SELogic Equation)		0
S3SLT7	Set 3 Latch Bit 7 SET Input (SELogic Equation)		0
S3RLT7	Set 3 Latch Bit 7 RESET Input (SELogic Equation)		0
S3SLT8	Set 3 Latch Bit 8 SET Input (SELogic Equation)		0
S3RLT8	Set 3 Latch Bit 8 RESET Input (SELogic Equation)		0
TR1			51P1T + 50P11 + 51N1T
TR2			51P2T + 51N2T
TR3			87R + 87U
TR4			0
TR5			0
ULTR1			!(51P1 + 51N1)
ULTR2			!(51P2 + 51N2)
ULTR3			!(87R + 87U)
ULTR4			0
ULTR5			0
52A1			IN202
52A2			IN105
52A3			0
52A4			0
CL1			0
CL2			0
CL3			0

CL4			0
ULCL1			0
ULCL2			0
ULCL3			0
ULCL4			0
ER			/51P1 + /50P11 + /51N1 + /51P2 + /51N2 + /IN103 + /IN103 + /IN105 + /IN105
OUT101			TRIP1
OUT102			TRIP3
OUT103			TRIP2 + S1V3T
OUT104			TRIP1 + TRIP2 + TRIP3
OUT105			TRIP1
OUT106			TRIP2
OUT107			S1V2T
OUT201			S1V1T
OUT202			TRIP1
OUT203			S1V4T
OUT204			!IN203
OUT205			0
OUT206			0
OUT207			0
OUT208			0
OUT209			0
OUT210			0
OUT211			0
OUT212			0
OUT213			0
OUT214			0
OUT215			0
OUT216			0
OUT301			0
OUT302			0
OUT303			0
OUT304			0
OUT305			0
OUT306			0
OUT307			0
OUT308			0
OUT309			0
OUT310			0
OUT311			0

OUT312			0
OUT313			0
OUT314			0
OUT315			0
OUT316			0
Group 1			
			Top

Global			
Top			
Setting	Description	Range	Value
LER	Length of Event Report	Select: 15, 30, 60	30
PRE	Length of Prefault in Event Report	1-29 Cycles	10
NFREQ	Nominal Frequency	Select: 50, 60	50
PHROT	Phase Rotation	Select: ABC, ACB	ABC
DATE_F	Date Format	Select: MDY, YMD	MDY
SCROLLD	Display Update Rate	1-60 seconds	5
FP_TO	Front Panel Timeout	OFF, 0-30 min	15
TGR	Group Change Delay	0-900 sec	0
TMPREFA	RTDA Temperature Preference	Select: C, F	C
TMPREFB	RTDB Temperature Preference	Select: C, F	C
DC1P	DC Battery Voltage Level 1	OFF, 20-300 Vdc	OFF
DC2P	DC Battery Voltage Level 2	OFF, 20-300 Vdc	OFF
DC3P	DC Battery Voltage Level 3	OFF, 20-300 Vdc	OFF
DC4P	DC Battery Voltage Level 4	OFF, 20-300 Vdc	OFF
BKMON1	Bkr 1 Monitor Input (SELogic Equation)		0
B1COP1	Close/Open Set Point 1 max	1-65000 operations	10000
B1KAP1	kA Interrupted Set Point 1 min	0.1-999.0 kA pri	1,2
B1COP2	Close/Open Set Point 2 max	1-65000 operations	150
B1KAP2	kA Interrupted Set Point 2 min	0.1-999.0 kA pri	8,0
B1COP3	Close/Open Set Point 3 max	1-65000 operations	12
B1KAP3	kA Interrupted Set Point 3 min	0.1-999.0 kA pri	20,0
BKMON2	Bkr 2 Monitor Input (SELogic Equation)		0
B2COP1	Close/Open Set Point 1 max	1-65000 operations	10000
B2KAP1	kA Interrupted Set Point 1 min	0.1-999.0 kA pri	1,2
B2COP2	Close/Open Set Point 2 max	1-65000 operations	150
B2KAP2	kA Interrupted Set Point 2 min	0.1-999.0 kA pri	8,0
B2COP3	Close/Open Set Point 3 max	1-65000 operations	12
B2KAP3	kA Interrupted Set Point 3 min	0.1-999.0 kA pri	20,0
BKMON3	Bkr 3 Monitor Input (SELogic Equation)		0
B3COP1	Close/Open Set Point 1 max	1-65000 operations	10000
B3KAP1	kA Interrupted Set Point 1 min	0.1-999.0 kA pri	1,2
B3COP2	Close/Open Set Point 2 max	1-65000 operations	150
B3KAP2	kA Interrupted Set Point 2 min	0.1-999.0 kA pri	8,0
B3COP3	Close/Open Set Point 3 max	1-65000 operations	12
B3KAP3	kA Interrupted Set Point 3 min	0.1-999.0 kA pri	20,0
BKMON4	Bkr 4 Monitor Input (SELogic Equation)		0
B4COP1	Close/Open Set Point 1 max	1-65000 operations	10000
B4KAP1	kA Interrupted Set Point 1 min	0.1-999.0 kA pri	1,2

B4COP2	Close/Open Set Point 2 max	1-65000 operations	160
B4KAP2	kA Interrupted Set Point 2 min	0.1-999.0 kA pri	8,0
B4COP3	Close/Open Set Point 3 max	1-65000 operations	12
B4KAP3	kA Interrupted Set Point 3 min	0.1-999.0 kA pri	20,0
ETHRU	Enable Through Fault Event Winding	Select: N, 1-4	N
THRU	Through Fault Event Trigger (SELogic Equation)		0
ISQT	Through Fault I ² t Thresh	OFF,0-4294967 kA ² sec	OFF
IAW1			IAW1
IBW1			IBW1
ICW1			ICW1
IAW2			IAW2
IBW2			IBW2
ICW2			ICW2
IAW3			IAW3
IBW3			IBW3
ICW3			ICW3
IAW4			IAW4
IBW4			IBW4
ICW4			ICW4
SS1			0
SS2			0
SS3			0
SS4			0
SS5			0
SS6			0
LEDA			OCA
LEDB			OCB
LEDC			OCC
DP1			1
DP1_1	DP1 Labels(16 char; enter NA to NULL)		SE SAN FERNANDO
DP1_0			NA
DP2			1
DP2_1	DP2 Labels(16 char; enter NA to NULL)		87T T4
DP2_0			NA
DP3			IN103
DP3_1	DP3 Labels(16 char; enter NA to NULL)		52BT4 CERRADO
DP3_0			NA
DP4			IN202
DP4_1	DP4 Labels(16 char; enter NA to NULL)		52BT4 ABIERTO
DP4_0			NA
DP5			IN106
DP5_1	DP5 Labels(16 char; enter NA to NULL)		52CT4 CERRADO

DP5_0			NA
DP6			IN105
DP6_1	DP6 Labels(16 char; enter NA to NULL)		52CT4 ABIERTO
DP6_0			NA
DP7			IN201
DP7_1	DP7 Labels(16 char; enter NA to NULL)		52BR CERRADO
DP7_0			52BR ABIERTO
DP8			0
DP8_1	DP8 Labels(16 char; enter NA to NULL)		NA
DP8_0			NA
DP9			IN102 + IN103
DP9_1	DP9 Labels(16 char; enter NA to NULL)		NA
DP9_0			FALLA BOB1 52BT4
DP10			0
DP10_1	DP10 Labels(16 char; enter NA to NULL)		NA
DP10_0			NA
DP11			IN203
DP11_1	DP11 Labels(16 char; enter NA to NULL)		BT4 TRANSF BR
DP11_0			NA
DP12			0
DP12_1	DP12 Labels(16 char; enter NA to NULL)		NA
DP12_0			NA
DP13			0
DP13_1	DP13 Labels(16 char; enter NA to NULL)		NA
DP13_0			NA
DP14			0
DP14_1	DP14 Labels(16 char; enter NA to NULL)		NA
DP14_0			NA
DP15			0
DP15_1	DP15 Labels(16 char; enter NA to NULL)		NA
DP15_0			NA
DP16			0
DP16_1	DP16 Labels(16 char; enter NA to NULL)		NA
DP16_0			NA
NLB1	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB1	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB1	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB1	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB2	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB2	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB2	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB2	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA

NLB3	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB3	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB3	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB3	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB4	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB4	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB4	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB4	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB5	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB5	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB5	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB5	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB6	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB6	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB6	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB6	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB7	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB7	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB7	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB7	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB8	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB8	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB8	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB8	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB9	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB9	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB9	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB9	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB10	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB10	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB10	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB10	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB11	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB11	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB11	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB11	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB12	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB12	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB12	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB12	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB13	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB13	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB13	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA

PLB13	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB14	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB14	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB14	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB14	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB15	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB15	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB15	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB15	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
NLB16	Local Bit LB_ Name(14 char; enter NA to NULL)		NA
CLB16	Clear Local Bit LB_ Label(7 char; enter NA to NULL)		NA
SLB16	Set Local Bit LB_ Label(7 char; enter NA to NULL)		NA
PLB16	Pulse Local Bit LB_ Label(7 char; enter NA to NULL)		NA
Global Top			

