

SEL-751 Settings Report

Overview Information

File Name	New Settings 1
RDB	FAENAS PANGUE.rdb
Device	SEL-751
Setting Version Number	010
Part Number	751401A4A4A2A85A630
Firmware ID	SEL-751-R302-V0-Z010005-D20220826
SELBoot Firmware ID	SLBT7XX-R601-V0-Z000000-D20211116

Settings

[Global](#)

[Group 1](#)

[Group 2](#)

[Group 3](#)

[Group 4](#)

[Logic 1](#)

[Logic 2](#)

[Logic 3](#)

[Logic 4](#)

[Front Panel](#)

[Report](#)

[Port F](#)

[Port 1](#)

[Port 2](#)

[Port 3](#)

[Modbus User Map](#)

[DNP Map 1 Settings](#)

[DNP Map 2 Settings](#)

[DNP Map 3 Settings](#)

[Touchscreen](#)

Settings Legend

Visible Setting

Hidden Setting

Invalid Setting

Global			
Top			
Setting	Description	Range	Value
PHROT	Phase Rotation	Select: ABC, ACB	ABC
FNOM	Rated Frequency (Hz)	Select: 50, 60	50
DATE_F	Date Format	Select: MDY, YMD, DMY	DMY
METHRES	Meter Cutoff Threshold	Select: Y, N	Y
FAULT	Fault Condition (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	50G1P OR 50N1P OR 51P1P OR 51QP OR 50Q1P OR TRIP
EMP	Messenger Points Enable	Range = 1 to 32, N	N
TGR	Group Change Delay (sec)	Range = 0 to 400	3
SS1	Select Settings Group1 (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
SS2	Select Settings Group2 (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
SS3	Select Settings Group3 (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
SS4	Select Settings Group4 (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
EPMU	Enable Synchronized Phasor Measurement	Select: Y, N	N
IRIGC	IRIG-B Control Bits Definition	Select: NONE, C37.118	NONE
UTC_OFF	Offset From UTC (hours, in 0.25 hour increments)	Range = -24,00 to 24,00	0,00
DST_BEGM	Month To Begin DST	Range = 1 to 12, OFF	OFF
52ABF	52A Interlock in BF Logic	Select: Y, N	N
50BFP	Breaker-Failure Current Detector Pickup (amps sec.)	Range = 0,10 to 10,00	0,10
BFD	Breaker Failure Delay (seconds)	Range = 0,00 to 2,00	0,50
ATD	Auxiliary Timer Delay (seconds)	Range = 0,00 to 2,00, OFF	OFF
BFI	Breaker Failure Initiate (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG TRIP
BFISID	Breaker Failure Initiate Seal-In Delay (seconds)	Range = 0,00 to 2,00, OFF	0,00
BFRTD	Breaker Retrip Delay (seconds)	Range = 0,00 to 2,00, OFF	0,10
BFTR	Breaker Failure Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
BFULTR	Breaker Failure Unlatch Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
IN101D	IN101 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN102D	IN102 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN301D	IN301 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN302D	IN302 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN303D	IN303 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN304D	IN304 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN305D	IN305 Debounce (milliseconds)	Range = 0 to 65000, AC	10

IN306D	IN306 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN307D	IN307 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN308D	IN308 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN309D	IN309 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN310D	IN310 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN311D	IN311 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN312D	IN312 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN313D	IN313 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN314D	IN314 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN401D	IN401 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN402D	IN402 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN403D	IN403 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN404D	IN404 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN405D	IN405 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN406D	IN406 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN407D	IN407 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN408D	IN408 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN409D	IN409 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN410D	IN410 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN411D	IN411 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN412D	IN412 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN413D	IN413 Debounce (milliseconds)	Range = 0 to 65000, AC	10
IN414D	IN414 Debounce (milliseconds)	Range = 0 to 65000, AC	10
EBMON	Enable Breaker Monitor	Select: Y, N	Y
BKMON	Control Breaker Monitor (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
COSP1	Close/Open Operations Set Point 1-max	Range = 0 to 65000	10000
KASP1	kA(pri) Interrupted Set Point 1-min	Range = 0,00 to 999,00	1,20
COSP2	Close/Open Operations Set Point 2-mid	Range = 0 to 65000	150
KASP2	kA(pri) Interrupted Set Point 2-mid	Range = 0,00 to 999,00	8,00
COSP3	Close/Open Operations Set Point 3-min	Range = 0 to 65000	12
KASP3	kA(pri) Interrupted Set Point 3-max	Range = 0,00 to 999,00	20,00
RSTTRGT	Reset Targets (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
RSTENRGY	Reset Energy (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
RSTMXMN	Reset Max/Min (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
RSTDEN	Reset Demand (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
RSTPKDEM	Reset Peak Demand (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
DSABLSET	Disable Settings (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
TIME_SRC	IRIG Time Source	Select: IRIG1, IRIG2	IRIG1

89EN2P	Enable Two Position Disconnects	Range = 1 to 8, N	N
89EN3P	Enable Three Position Disconnects	Range = 1 to 2, N	N
EN_LRC	Enable Local Remote Control	Select: Y, N	N
Global			
Top			

Group 1			
Top			
Setting	Description	Range	Value
RID	Relay Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	PS1_CT11
TID	Terminal Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	FEEDER RELAY
CTR	Phase (IA,IB,IC) CT Ratio CTR:1	Range = 1 to 5000	40
CTRN	Neutral (IN) CT Ratio CTRN:1	Range = 1 to 5000	40
PTR	PT Ratio	Range = 1,00 to 10000,00	66,40
DELTA_Y	Transformer Connection	Select: WYE, DELTA	WYE
SINGLEV	Enable Single Voltage Input	Select: Y, N	N
VNOM	Line Voltage, Nominal Line-to-Line (volts)	Range = 20,00 to 480,00, OFF	66,00
Z1MAG	Pos. Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	2,14
Z1ANG	Pos. Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	68,86
Z0MAG	Zero Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	6,38
Z0ANG	Zero Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	72,47
LL	Line Length - unitless	Range = 0,10 to 999,00	4,84
EFLOC	Enable Fault Location	Select: Y, N	N
50P1P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50P2P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50P3P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50P4P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N1P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	20,00
50N1D	Neutral Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50N1TC	Neutral Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R TRIG F TRIG	1
50N2P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N3P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N4P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G1P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G2P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G3P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G4P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q1P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
		Range = 0,25 to 100,00,	

50Q2P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	OFF	OFF
50Q3P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q4P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
E50INC	Incipient fault overcurrent detection level (peak amps)	Range = 0,50 to 50,00, OFF	15,00
50IALC	Incipient fault overcurrent alarm counter	Range = 1 to 100	1
50ITRC	Incipient fault overcurrent trip counter	Range = 1 to 100	10
50INTC	Incipient fault overcurrent torque control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50INCRST	Incipient fault reset (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
51AP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51AC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51ATD	TOC Time Dial	Range = 0,50 to 15,00	3,20
51ARS	EM Reset Delay	Select: Y, N	N
51ACT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51AMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51ATC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51BP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51BC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51BTD	TOC Time Dial	Range = 0,50 to 15,00	3,20
51BRS	EM Reset Delay	Select: Y, N	N
51BCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51BMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51BTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51CP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51CC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51CTD	TOC Time Dial	Range = 0,50 to 15,00	3,20
51CRS	EM Reset Delay	Select: Y, N	N
51CCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51CMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51CTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51P2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51QP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
		Range = 0,25 to 24,00,	

51N1P	Time Overcurrent Trip Pickup (amps sec.)	OFF	1,50
51N1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U1
51N1TD	TOC Time Dial	Range = 0,50 to 15,00	11,80
51N1RS	EM Reset Delay	Select: Y, N	N
51N1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51N1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51N1TC	Neutral Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R TRIG F TRIG	1
51N2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51G1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51G2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
EDIR	Enable Directional Control	Select: Y, AUTO, N	N
EHBL2	Enable Second Harmonic Blocking	Select: Y, N	N
EHBL5	Enable Fifth Harmonic Blocking	Select: Y, N	N
ELOAD	Enable Load Encroachment	Select: Y, N	N
EPDDDET	Enable Phase Discontinuity Detection	Select: Y, N	N
ECLPU	Enable Cold Load Pickup	Select: Y, N	N
E49RTD	RTD Enable	Select: EXT, NONE	NONE
E49IEC	Enable IEC Thermal Element	Range = 1 to 3, N	N
27P1P	Undervoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
27PP1P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 520,00, OFF	OFF
27P2P	Undervoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
27PP2P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 520,00, OFF	OFF
E27I1	Inverse Time Undervoltage Element Enable	Select: Y, N	N
E27I2	Inverse Time Undervoltage Element Enable	Select: Y, N	N
59P1P	Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59G1P	Zero-Seq Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59Q1P	Negative-Seq Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP1P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 520,00, OFF	OFF
59P2P	Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59G2P	Zero-Seq Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59Q2P	Negative-Seq Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP2P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 520,00, OFF	OFF
E59I1	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I2	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I3	Inverse Time Overvoltage Element Enable	Select: Y, N	N

E59I4	Inverse Time Overvoltage Element Enable	Select: Y, N	N
LOPBLK	Loss of Potential Block Condition Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
55LGTP	Power Factor Lag Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDTP	Power Factor Lead Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LGAP	Power Factor Lag Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDAP	Power Factor Lead Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
E78VS	Enable Vector Shift	Select: Y, N	N
81D1TP	Frequency1 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D2TP	Frequency2 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D3TP	Frequency3 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D4TP	Frequency4 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D5TP	Frequency5 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D6TP	Frequency6 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
E81R	Enable Rate-of-Change of Frequency Elements	Select: N, 1-4	N
E81RF	Enable Fast Rate-of-Change of Frequency Elements	Select: Y, N	N
EDEM	Demand Metering	Select: THM, ROL	THM
DMTC	Time Constant (mins)	Select: 5, 10, 15, 30, 60	5
PHDEMP	Phase Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	5,00
GNDEMP	Residual Ground Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
3I2DEMP	Negative-Sequence Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
EPWR	Enable Three Phase Power Elements	Select: N, 3P1, 3P2	N
TDURD	Minimum Trip Time (seconds)	Range = 0,0 to 400,0	0,5
CFD	Close Failure Time Delay (seconds)	Range = 0,0 to 400,0, OFF	1,0
TR	Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	ORED50T OR ORED51T OR ORED81T OR REMTRIP OR OC OR SV04T
REMTRIP	Remote Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
ULTRIP	Unlatch Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT (51P1P OR 51G1P OR 51N1P OR 52A)
52A	Breaker Status N/O Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
52B	Breaker Status N/C Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT 52A
CL	Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	SV03T AND LT02 OR CC
ULCL	Unlatch Close (SELogic)	Valid range = The legal operators: AND OR NOT	0

		R_TRIG F_TRIG	
E79	Enable Recloser	Select: N, 1-4, C1-C4	N
Group 1			Top

Group 2			
Top			
Setting	Description	Range	Value
RID	Relay Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	SEL-751
TID	Terminal Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	FEEDER RELAY
CTR	Phase (IA,IB,IC) CT Ratio CTR:1	Range = 1 to 5000	120
CTRN	Neutral (IN) CT Ratio CTRN:1	Range = 1 to 5000	120
PTR	PT Ratio	Range = 1,00 to 10000,00	180,00
DELTA_Y	Transformer Connection	Select: WYE, DELTA	DELTA
SINGLEV	Enable Single Voltage Input	Select: Y, N	N
VNOM	Line Voltage, Nominal Line-to-Line (volts)	Range = 20,00 to 250,00, OFF	120,00
Z1MAG	Pos. Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	2,14
Z1ANG	Pos. Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	68,86
Z0MAG	Zero Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	6,38
Z0ANG	Zero Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	72,47
Z0SMAG	Zero Seq. Source Impedance Magnitude (ohms)	Range = 0,10 to 510,00	0,36
Z0SANG	Zero Seq. Source Impedance Angle (deg)	Range = 0,00 to 90,00	84,61
LL	Line Length - unitless	Range = 0,10 to 999,00	4,84
EFLOC	Enable Fault Location	Select: Y, N	N
50P1P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P1D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P1TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P2P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P2D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P2TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P3P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P3D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P3TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P4P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P4D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P4TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50N1P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF

50N2P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N3P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N4P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G1P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G2P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G3P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G4P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q1P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q2P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q3P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q4P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
E50INC	Incipient fault overcurrent detection level (peak amps)	Range = 0,50 to 50,00, OFF	15,00
50IALC	Incipient fault overcurrent alarm counter	Range = 1 to 100	1
50ITRC	Incipient fault overcurrent trip counter	Range = 1 to 100	10
50INTC	Incipient fault overcurrent torque control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50INCRST	Incipient fault reset (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
51AP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51AC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51ATD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51ARS	EM Reset Delay	Select: Y, N	N
51ACT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51AMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51ATC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51BP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51BC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51BTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51BRS	EM Reset Delay	Select: Y, N	N
51BCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51BMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51BTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51CP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00,	6,00

		OFF	
51CC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51CTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51CRS	EM Reset Delay	Select: Y, N	N
51CCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51CMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51CTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P1TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P1RS	EM Reset Delay	Select: Y, N	N
51P1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P1TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P2TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P2RS	EM Reset Delay	Select: Y, N	N
51P2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P2TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51QP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51QC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51QTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51QRS	EM Reset Delay	Select: Y, N	N
51QCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51QMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51QTC	Negative Seq. Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51N1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51N2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51G1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G1TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G1RS	EM Reset Delay	Select: Y, N	N
51G1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00

51G1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G1TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51G2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G2TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G2RS	EM Reset Delay	Select: Y, N	N
51G2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51G2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G2TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
EDIR	Enable Directional Control	Select: Y, AUTO, N	N
EHBL2	Enable Second Harmonic Blocking	Select: Y, N	N
EHBL5	Enable Fifth Harmonic Blocking	Select: Y, N	N
ELOAD	Enable Load Encroachment	Select: Y, N	N
EPDDDET	Enable Phase Discontinuity Detection	Select: Y, N	N
ECLPU	Enable Cold Load Pickup	Select: Y, N	N
E49RTD	RTD Enable	Select: EXT, NONE	NONE
E49IEC	Enable IEC Thermal Element	Range = 1 to 3, N	N
27PP1P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
27PP2P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E27I1	Inverse Time Undervoltage Element Enable	Select: Y, N	N
E27I2	Inverse Time Undervoltage Element Enable	Select: Y, N	N
59Q1P	Negative-Seq Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP1P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
59Q2P	Negative-Seq Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP2P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E59I1	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I2	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I3	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I4	Inverse Time Overvoltage Element Enable	Select: Y, N	N
LOPBLK	Loss of Potential Block Condition Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
55LGTP	Power Factor Lag Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDTP	Power Factor Lead Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LGAP	Power Factor Lag Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDAP	Power Factor Lead Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
E78VS	Enable Vector Shift	Select: Y, N	N
81D1TP	Frequency1 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D2TP	Frequency2 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF

81D3TP	Frequency3 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D4TP	Frequency4 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D5TP	Frequency5 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D6TP	Frequency6 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
E81R	Enable Rate-of-Change of Frequency Elements	Select: N, 1-4	N
E81RF	Enable Fast Rate-of-Change of Frequency Elements	Select: Y, N	N
EDEM	Demand Metering	Select: THM, ROL	THM
DMTC	Time Constant (mins)	Select: 5, 10, 15, 30, 60	5
PHDEMP	Phase Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	5,00
GNDEMP	Residual Ground Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
3I2DEMP	Negative-Sequence Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
EPWR	Enable Three Phase Power Elements	Select: N, 3P1, 3P2	N
TDURD	Minimum Trip Time (seconds)	Range = 0,0 to 400,0	0,5
CFD	Close Failure Time Delay (seconds)	Range = 0,0 to 400,0, OFF	1,0
TR	Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	ORED50T OR ORED51T OR ORED81T OR REMTRIP OR OC OR SV04T
REMTRIP	Remote Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
ULTRIP	Unlatch Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT (51P1P OR 51G1P OR 51N1P OR 52A)
52A	Breaker Status N/O Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
52B	Breaker Status N/C Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT 52A
CL	Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	SV03T AND LT02 OR CC
ULCL	Unlatch Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
E79	Enable Recloser	Select: N, 1-4, C1-C4	N
Group 2			

[Top](#)

Group 3			
Top			
Setting	Description	Range	Value
RID	Relay Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	SEL-751
TID	Terminal Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	FEEDER RELAY
CTR	Phase (IA,IB,IC) CT Ratio CTR:1	Range = 1 to 5000	120
CTRN	Neutral (IN) CT Ratio CTRN:1	Range = 1 to 5000	120
PTR	PT Ratio	Range = 1,00 to 10000,00	180,00
DELTA_Y	Transformer Connection	Select: WYE, DELTA	DELTA
SINGLEV	Enable Single Voltage Input	Select: Y, N	N
VNOM	Line Voltage, Nominal Line-to-Line (volts)	Range = 20,00 to 250,00, OFF	120,00
Z1MAG	Pos. Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	2,14
Z1ANG	Pos. Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	68,86
Z0MAG	Zero Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	6,38
Z0ANG	Zero Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	72,47
Z0SMAG	Zero Seq. Source Impedance Magnitude (ohms)	Range = 0,10 to 510,00	0,36
Z0SANG	Zero Seq. Source Impedance Angle (deg)	Range = 0,00 to 90,00	84,61
LL	Line Length - unitless	Range = 0,10 to 999,00	4,84
EFLOC	Enable Fault Location	Select: Y, N	N
50P1P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P1D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P1TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P2P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P2D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P2TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P3P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P3D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P3TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P4P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P4D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P4TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50N1P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF

50N2P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N3P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N4P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G1P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G2P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G3P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G4P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q1P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q2P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q3P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q4P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
E50INC	Incipient fault overcurrent detection level (peak amps)	Range = 0,50 to 50,00, OFF	15,00
50IALC	Incipient fault overcurrent alarm counter	Range = 1 to 100	1
50ITRC	Incipient fault overcurrent trip counter	Range = 1 to 100	10
50INTC	Incipient fault overcurrent torque control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50INCRST	Incipient fault reset (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
51AP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51AC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51ATD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51ARS	EM Reset Delay	Select: Y, N	N
51ACT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51AMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51ATC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51BP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51BC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51BTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51BRS	EM Reset Delay	Select: Y, N	N
51BCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51BMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51BTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51CP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00,	6,00

		OFF	
51CC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51CTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51CRS	EM Reset Delay	Select: Y, N	N
51CCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51CMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51CTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P1TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P1RS	EM Reset Delay	Select: Y, N	N
51P1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P1TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P2TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P2RS	EM Reset Delay	Select: Y, N	N
51P2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P2TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51QP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51QC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51QTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51QRS	EM Reset Delay	Select: Y, N	N
51QCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51QMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51QTC	Negative Seq. Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51N1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51N2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51G1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G1TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G1RS	EM Reset Delay	Select: Y, N	N
51G1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00

51G1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G1TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51G2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G2TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G2RS	EM Reset Delay	Select: Y, N	N
51G2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51G2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G2TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
EDIR	Enable Directional Control	Select: Y, AUTO, N	N
EHBL2	Enable Second Harmonic Blocking	Select: Y, N	N
EHBL5	Enable Fifth Harmonic Blocking	Select: Y, N	N
ELOAD	Enable Load Encroachment	Select: Y, N	N
EPDDDET	Enable Phase Discontinuity Detection	Select: Y, N	N
ECLPU	Enable Cold Load Pickup	Select: Y, N	N
E49RTD	RTD Enable	Select: EXT, NONE	NONE
E49IEC	Enable IEC Thermal Element	Range = 1 to 3, N	N
27PP1P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
27PP2P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E27I1	Inverse Time Undervoltage Element Enable	Select: Y, N	N
E27I2	Inverse Time Undervoltage Element Enable	Select: Y, N	N
59Q1P	Negative-Seq Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP1P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
59Q2P	Negative-Seq Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP2P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E59I1	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I2	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I3	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I4	Inverse Time Overvoltage Element Enable	Select: Y, N	N
LOPBLK	Loss of Potential Block Condition Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
55LGTP	Power Factor Lag Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDTP	Power Factor Lead Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LGAP	Power Factor Lag Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDAP	Power Factor Lead Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
E78VS	Enable Vector Shift	Select: Y, N	N
81D1TP	Frequency1 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D2TP	Frequency2 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF

81D3TP	Frequency3 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D4TP	Frequency4 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D5TP	Frequency5 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D6TP	Frequency6 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
E81R	Enable Rate-of-Change of Frequency Elements	Select: N, 1-4	N
E81RF	Enable Fast Rate-of-Change of Frequency Elements	Select: Y, N	N
EDEM	Demand Metering	Select: THM, ROL	THM
DMTC	Time Constant (mins)	Select: 5, 10, 15, 30, 60	5
PHDEMP	Phase Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	5,00
GNDEMP	Residual Ground Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
3I2DEMP	Negative-Sequence Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
EPWR	Enable Three Phase Power Elements	Select: N, 3P1, 3P2	N
TDURD	Minimum Trip Time (seconds)	Range = 0,0 to 400,0	0,5
CFD	Close Failure Time Delay (seconds)	Range = 0,0 to 400,0, OFF	1,0
TR	Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	ORED50T OR ORED51T OR ORED81T OR REMTRIP OR OC OR SV04T
REMTRIP	Remote Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
ULTRIP	Unlatch Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT (51P1P OR 51G1P OR 51N1P OR 52A)
52A	Breaker Status N/O Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
52B	Breaker Status N/C Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT 52A
CL	Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	SV03T AND LT02 OR CC
ULCL	Unlatch Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
E79	Enable Recloser	Select: N, 1-4, C1-C4	N
Group 3			

[Top](#)

Group 4			
Top			
Setting	Description	Range	Value
RID	Relay Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	SEL-751
TID	Terminal Identifier (16 characters)	Range = ASCII string with a maximum length of 16.	FEEDER RELAY
CTR	Phase (IA,IB,IC) CT Ratio CTR:1	Range = 1 to 5000	120
CTRN	Neutral (IN) CT Ratio CTRN:1	Range = 1 to 5000	120
PTR	PT Ratio	Range = 1,00 to 10000,00	180,00
DELTA_Y	Transformer Connection	Select: WYE, DELTA	DELTA
SINGLEV	Enable Single Voltage Input	Select: Y, N	N
VNOM	Line Voltage, Nominal Line-to-Line (volts)	Range = 20,00 to 250,00, OFF	120,00
Z1MAG	Pos. Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	2,14
Z1ANG	Pos. Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	68,86
Z0MAG	Zero Seq. Line Impedance Magnitude (ohms)	Range = 0,10 to 510,00	6,38
Z0ANG	Zero Seq. Line Impedance Angle (deg)	Range = 5,00 to 90,00	72,47
Z0SMAG	Zero Seq. Source Impedance Magnitude (ohms)	Range = 0,10 to 510,00	0,36
Z0SANG	Zero Seq. Source Impedance Angle (deg)	Range = 0,00 to 90,00	84,61
LL	Line Length - unitless	Range = 0,10 to 999,00	4,84
EFLOC	Enable Fault Location	Select: Y, N	N
50P1P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P1D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P1TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P2P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P2D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P2TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P3P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P3D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P3TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50P4P	Maximum Phase Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	10,00
50P4D	Maximum Phase Overcurrent Trip Delay (seconds)	Range = 0,00 to 400,00, OFF	0,00
50P4TC	Maximum Phase Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50N1P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF

50N2P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N3P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50N4P	Neutral Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G1P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G2P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G3P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50G4P	Residual Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q1P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q2P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q3P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
50Q4P	Negative Sequence Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 100,00, OFF	OFF
E50INC	Incipient fault overcurrent detection level (peak amps)	Range = 0,50 to 50,00, OFF	15,00
50IALC	Incipient fault overcurrent alarm counter	Range = 1 to 100	1
50ITRC	Incipient fault overcurrent trip counter	Range = 1 to 100	10
50INTC	Incipient fault overcurrent torque control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
50INCRST	Incipient fault reset (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
51AP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51AC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51ATD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51ARS	EM Reset Delay	Select: Y, N	N
51ACT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51AMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51ATC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51BP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51BC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51BTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51BRS	EM Reset Delay	Select: Y, N	N
51BCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51BMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51BTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51CP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00,	6,00

		OFF	
51CC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51CTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51CRS	EM Reset Delay	Select: Y, N	N
51CCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51CMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51CTC	Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P1TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P1RS	EM Reset Delay	Select: Y, N	N
51P1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P1TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51P2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51P2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51P2TD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51P2RS	EM Reset Delay	Select: Y, N	N
51P2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51P2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51P2TC	Maximum Phase Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51QP	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	6,00
51QC	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51QTD	TOC Time Dial	Range = 0,50 to 15,00	3,00
51QRS	EM Reset Delay	Select: Y, N	N
51QCT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51QMR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51QTC	Negative Seq. Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51N1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51N2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	OFF
51G1P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G1C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G1TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G1RS	EM Reset Delay	Select: Y, N	N
51G1CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00

51G1MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G1TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
51G2P	Time Overcurrent Trip Pickup (amps sec.)	Range = 0,25 to 24,00, OFF	0,50
51G2C	TOC Curve Selection	Select: U1, U2, U3, U4, U5, C1, C2, C3, C4, C5	U3
51G2TD	TOC Time Dial	Range = 0,50 to 15,00	1,50
51G2RS	EM Reset Delay	Select: Y, N	N
51G2CT	Constant Time Adder (seconds)	Range = 0,00 to 1,00	0,00
51G2MR	Minimum Response Time (seconds)	Range = 0,00 to 1,00	0,00
51G2TC	Ground Time Overcurrent Torque Control (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	1
EDIR	Enable Directional Control	Select: Y, AUTO, N	N
EHBL2	Enable Second Harmonic Blocking	Select: Y, N	N
EHBL5	Enable Fifth Harmonic Blocking	Select: Y, N	N
ELOAD	Enable Load Encroachment	Select: Y, N	N
EPDDDET	Enable Phase Discontinuity Detection	Select: Y, N	N
ECLPU	Enable Cold Load Pickup	Select: Y, N	N
E49RTD	RTD Enable	Select: EXT, NONE	NONE
E49IEC	Enable IEC Thermal Element	Range = 1 to 3, N	N
27PP1P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
27PP2P	Phase-Phase Undervoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E27I1	Inverse Time Undervoltage Element Enable	Select: Y, N	N
E27I2	Inverse Time Undervoltage Element Enable	Select: Y, N	N
59Q1P	Negative-Seq Overvoltage Trip 1 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP1P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
59Q2P	Negative-Seq Overvoltage Trip 2 Pickup (volts)	Range = 2,00 to 300,00, OFF	OFF
59PP2P	Phase-Phase Overvoltage Trip Level (volts)	Range = 2,00 to 300,00, OFF	OFF
E59I1	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I2	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I3	Inverse Time Overvoltage Element Enable	Select: Y, N	N
E59I4	Inverse Time Overvoltage Element Enable	Select: Y, N	N
LOPBLK	Loss of Potential Block Condition Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
55LGTP	Power Factor Lag Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDTP	Power Factor Lead Trip Pickup	Range = 0,05 to 0,99, OFF	OFF
55LGAP	Power Factor Lag Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
55LDAP	Power Factor Lead Alarm Pickup	Range = 0,05 to 0,99, OFF	OFF
E78VS	Enable Vector Shift	Select: Y, N	N
81D1TP	Frequency1 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D2TP	Frequency2 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF

81D3TP	Frequency3 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D4TP	Frequency4 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D5TP	Frequency5 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
81D6TP	Frequency6 Trip Pickup (Hz)	Range = 15,00 to 70,00, OFF	OFF
E81R	Enable Rate-of-Change of Frequency Elements	Select: N, 1-4	N
E81RF	Enable Fast Rate-of-Change of Frequency Elements	Select: Y, N	N
EDEM	Demand Metering	Select: THM, ROL	THM
DMTC	Time Constant (mins)	Select: 5, 10, 15, 30, 60	5
PHDEMP	Phase Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	5,00
GNDEMP	Residual Ground Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
3I2DEMP	Negative-Sequence Pickup (amps sec.)	Range = 0,50 to 16,00, OFF	1,00
EPWR	Enable Three Phase Power Elements	Select: N, 3P1, 3P2	N
TDURD	Minimum Trip Time (seconds)	Range = 0,0 to 400,0	0,5
CFD	Close Failure Time Delay (seconds)	Range = 0,0 to 400,0, OFF	1,0
TR	Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	ORED50T OR ORED51T OR ORED81T OR REMTRIP OR OC OR SV04T
REMTRIP	Remote Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
ULTRIP	Unlatch Trip (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT (51P1P OR 51G1P OR 51N1P OR 52A)
52A	Breaker Status N/O Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
52B	Breaker Status N/C Contact (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT 52A
CL	Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	SV03T AND LT02 OR CC
ULCL	Unlatch Close (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
E79	Enable Recloser	Select: N, 1-4, C1-C4	N
Group 4			
Top			

Logic 1			
Top			
Setting	Description	Range	Value
ELAT	SELogic Latches	Range = 1 to 32, N	4
ESV	SELogic Variables/Timers	Range = 1 to 32, N	5
ESC	SELogic Counters	Range = 1 to 32, N	N
EMV	SELogic Math Variables	Range = 1 to 32, N	N
SET01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
RST01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SET02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND NOT LT02
RST02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND LT02
SET03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB03_PUL AND LT02 AND NOT 52A
RST03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV03T) AND LT03
SET04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB04_PUL AND 52A
RST04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV04T) AND LT04
SV01PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV01DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV01	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SV02PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	3,00
SV02DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV02	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB02
SV03PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV03DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV03	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT03
SV04PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV04DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV04	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT04
SV05PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,25

SV05DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,25
SV05	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB02 OR LT03 OR LT04) AND NOT SV05T
OUT101FS	OUT101 Fail-Safe	Select: Y, N	Y
OUT101	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	HALARM OR SALARM OR AFALARM
OUT102FS	OUT102 Fail-Safe	Select: Y, N	N
OUT102	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	CLOSE
OUT103FS	OUT103 Fail-Safe	Select: Y, N	N
OUT103	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT501FS	OUT501 Fail-Safe	Select: Y, N	N
OUT501	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT502FS	OUT502 Fail-Safe	Select: Y, N	N
OUT502	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT503FS	OUT503 Fail-Safe	Select: Y, N	N
OUT503	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT504FS	OUT504 Fail-Safe	Select: Y, N	N
OUT504	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT505FS	OUT505 Fail-Safe	Select: Y, N	N
OUT505	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT506FS	OUT506 Fail-Safe	Select: Y, N	N
OUT506	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT507FS	OUT507 Fail-Safe	Select: Y, N	N
OUT507	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT508FS	OUT508 Fail-Safe	Select: Y, N	N
OUT508	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
Logic 1			

[Top](#)

Logic 2			
Top			
Setting	Description	Range	Value
ELAT	SELogic Latches	Range = 1 to 32, N	4
ESV	SELogic Variables/Timers	Range = 1 to 32, N	5
ESC	SELogic Counters	Range = 1 to 32, N	N
EMV	SELogic Math Variables	Range = 1 to 32, N	N
SET01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
RST01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SET02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND NOT LT02
RST02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND LT02
SET03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB03_PUL AND LT02 AND NOT 52A
RST03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV03T) AND LT03
SET04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB04_PUL AND 52A
RST04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV04T) AND LT04
SV01PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV01DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV01	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SV02PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	3,00
SV02DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV02	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB02
SV03PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV03DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV03	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT03
SV04PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV04DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV04	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT04
SV05PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,25

SV05DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,25
SV05	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB02 OR LT03 OR LT04) AND NOT SV05T
OUT101FS	OUT101 Fail-Safe	Select: Y, N	Y
OUT101	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	HALARM OR SALARM OR AFALARM
OUT102FS	OUT102 Fail-Safe	Select: Y, N	N
OUT102	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	CLOSE
OUT103FS	OUT103 Fail-Safe	Select: Y, N	N
OUT103	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT501FS	OUT501 Fail-Safe	Select: Y, N	N
OUT501	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT502FS	OUT502 Fail-Safe	Select: Y, N	N
OUT502	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT503FS	OUT503 Fail-Safe	Select: Y, N	N
OUT503	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT504FS	OUT504 Fail-Safe	Select: Y, N	N
OUT504	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT505FS	OUT505 Fail-Safe	Select: Y, N	N
OUT505	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT506FS	OUT506 Fail-Safe	Select: Y, N	N
OUT506	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT507FS	OUT507 Fail-Safe	Select: Y, N	N
OUT507	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT508FS	OUT508 Fail-Safe	Select: Y, N	N
OUT508	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
Logic 2			
Top			

Logic 3			
Top			
Setting	Description	Range	Value
ELAT	SELogic Latches	Range = 1 to 32, N	4
ESV	SELogic Variables/Timers	Range = 1 to 32, N	5
ESC	SELogic Counters	Range = 1 to 32, N	N
EMV	SELogic Math Variables	Range = 1 to 32, N	N
SET01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
RST01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SET02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND NOT LT02
RST02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND LT02
SET03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB03_PUL AND LT02 AND NOT 52A
RST03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV03T) AND LT03
SET04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB04_PUL AND 52A
RST04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV04T) AND LT04
SV01PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV01DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV01	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SV02PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	3,00
SV02DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV02	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB02
SV03PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV03DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV03	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT03
SV04PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV04DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV04	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT04
SV05PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,25

SV05DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,25
SV05	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB02 OR LT03 OR LT04) AND NOT SV05T
OUT101FS	OUT101 Fail-Safe	Select: Y, N	Y
OUT101	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	HALARM OR SALARM OR AFALARM
OUT102FS	OUT102 Fail-Safe	Select: Y, N	N
OUT102	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	CLOSE
OUT103FS	OUT103 Fail-Safe	Select: Y, N	N
OUT103	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT501FS	OUT501 Fail-Safe	Select: Y, N	N
OUT501	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT502FS	OUT502 Fail-Safe	Select: Y, N	N
OUT502	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT503FS	OUT503 Fail-Safe	Select: Y, N	N
OUT503	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT504FS	OUT504 Fail-Safe	Select: Y, N	N
OUT504	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT505FS	OUT505 Fail-Safe	Select: Y, N	N
OUT505	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT506FS	OUT506 Fail-Safe	Select: Y, N	N
OUT506	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT507FS	OUT507 Fail-Safe	Select: Y, N	N
OUT507	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT508FS	OUT508 Fail-Safe	Select: Y, N	N
OUT508	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
Logic 3			
Top			

Logic 4			
Top			
Setting	Description	Range	Value
ELAT	SELogic Latches	Range = 1 to 32, N	4
ESV	SELogic Variables/Timers	Range = 1 to 32, N	5
ESC	SELogic Counters	Range = 1 to 32, N	N
EMV	SELogic Math Variables	Range = 1 to 32, N	N
SET01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
RST01	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SET02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND NOT LT02
RST02	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG SV02T AND LT02
SET03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB03_PUL AND LT02 AND NOT 52A
RST03	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV03T) AND LT03
SET04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB04_PUL AND 52A
RST04	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB03_PUL OR PB04_PUL OR SV04T) AND LT04
SV01PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV01DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV01	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NA
SV02PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	3,00
SV02DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV02	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	PB02
SV03PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV03DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV03	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT03
SV04PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,00
SV04DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,00
SV04	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT04
SV05PU	SV_ Timer Pickup (seconds)	Range = 0,00 to 3000,00	0,25

SV05DO	SV_ Timer Dropout (seconds)	Range = 0,00 to 3000,00	0,25
SV05	SV_ Input (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(PB02 OR LT03 OR LT04) AND NOT SV05T
OUT101FS	OUT101 Fail-Safe	Select: Y, N	Y
OUT101	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	HALARM OR SALARM OR AFALARM
OUT102FS	OUT102 Fail-Safe	Select: Y, N	N
OUT102	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	CLOSE
OUT103FS	OUT103 Fail-Safe	Select: Y, N	N
OUT103	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	TRIP
OUT501FS	OUT501 Fail-Safe	Select: Y, N	N
OUT501	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT502FS	OUT502 Fail-Safe	Select: Y, N	N
OUT502	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT503FS	OUT503 Fail-Safe	Select: Y, N	N
OUT503	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT504FS	OUT504 Fail-Safe	Select: Y, N	N
OUT504	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT505FS	OUT505 Fail-Safe	Select: Y, N	N
OUT505	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT506FS	OUT506 Fail-Safe	Select: Y, N	N
OUT506	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT507FS	OUT507 Fail-Safe	Select: Y, N	N
OUT507	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
OUT508FS	OUT508 Fail-Safe	Select: Y, N	N
OUT508	(SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
Logic 4			

[Top](#)

Front Panel			
Top			
Setting	Description	Range	Value
ELB	Local Bits Enable	Range = 1 to 32, N	N
RSTLED	Reset Trip-Latched LEDs On Close	Select: Y, N	Y
LEDTRPC	TRIP LED Asserted Color	Select: R, G, A	R
T01LEDL	Trip Latch T_LED	Select: Y, N	Y
T01LEDC	Target T01_LED Asserted Color (R,G,A)	Select: R, G, A	R
T01_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	ORED50T
T02LEDL	Trip Latch T_LED	Select: Y, N	Y
T02LEDC	Target T02_LED Asserted Color (R,G,A)	Select: R, G, A	R
T02_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	51AT OR 51BT OR 51CT OR 51P1T OR 51P2T
T03LEDL	Trip Latch T_LED	Select: Y, N	Y
T03LEDC	Target T03_LED Asserted Color (R,G,A)	Select: R, G, A	R
T03_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	51N1T OR 51G1T OR 51N2T OR 51G2T
T04LEDL	Trip Latch T_LED	Select: Y, N	Y
T04LEDC	Target T04_LED Asserted Color (R,G,A)	Select: R, G, A	R
T04_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	51QT
T05LEDL	Trip Latch T_LED	Select: Y, N	Y
T05LEDC	Target T05_LED Asserted Color (R,G,A)	Select: R, G, A	R
T05_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	81D1T OR 81D2T OR 81D3T OR 81D4T
T06LEDL	Trip Latch T_LED	Select: Y, N	N
T06LEDC	Target T06_LED Asserted Color (R,G,A)	Select: R, G, A	R
T06_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	(BFT OR T06_LED) AND NOT TRGTR
PB1ALEDC	PB1A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB1A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	79RS
PB1BLEDC	PB1B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB1B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	79LO
PB2ALEDC	PB2A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB2A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT	NOT LT02 OR SV02 AND NOT

		R_TRIG F_TRIG	SV02T AND SV05T
PB2BLEDC	PB2B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB2B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	LT02 OR SV02 AND NOT SV02T AND SV05T
PB3ALEDC	PB3A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB3A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT LT02 AND NOT 52A
PB3BLEDC	PB3B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB3B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	52A OR SV03 AND NOT SV03T AND SV05T
PB4ALEDC	PB4A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB4A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB4BLEDC	PB4B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB4B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	NOT 52A OR SV04 AND NOT SV04T AND SV05T
PB5ALEDC	PB5A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB5A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB5BLEDC	PB5B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB5B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB6ALEDC	PB6A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB6A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB6BLEDC	PB6B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB6B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB7ALEDC	PB7A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO

PB7A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB7BLEDC	PB7B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB7B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB8ALEDC	PB8A_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB8A_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
PB8BLEDC	PB8B_LED Asserted/Deasserted Colors (R,G,A,O)	Select: AG, AO, AR, GA, GO, GR, OA, OG, OR, RA, RG, RO	AO
PB8B_LED	Equation (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	0
Front Panel			
Top			

Report			
Top			
Setting	Description	Range	Value
ESERDEL	Auto-Removal Enable	Select: Y, N	N
SER1	(24 Relay Word bits)	Valid range = 0, NA or a list of relay elements.	IN101, IN102, 51P1T, 51G1T, 50P1P, 50N1T, 51N1T, PB01, PB02, PB03, PB04
SER2	(24 Relay Word bits)	Valid range = 0, NA or a list of relay elements.	CLOSE, 52A, CC
SER3	(24 Relay Word bits)	Valid range = 0, NA or a list of relay elements.	81D1T, 81D2T
SER4	(24 Relay Word bits)	Valid range = 0, NA or a list of relay elements.	SALARM
EALIAS	Enable ALIAS Settings	Range = 1 to 32, N	4
ALIAS1	(15 characters for each string)	Range = 2 Elements	PB01 FP_AUX1 PICKUP DROPOUT
ALIAS2	(15 characters for each string)	Range = 2 Elements	PB02 FP_LOCK PICKUP DROPOUT
ALIAS3	(15 characters for each string)	Range = 2 Elements	PB03 FP_CLOSE PICKUP DROPOUT
ALIAS4	(15 characters for each string)	Range = 2 Elements	PB04 FP_TRIP PICKUP DROPOUT
ER	Event Report Trigger (SELogic)	Valid range = The legal operators: AND OR NOT R_TRIG F_TRIG	R_TRIG 51AT OR R_TRIG 51BT OR R_TRIG 51CT OR R_TRIG 50N1T OR R_TRIG 51N1P OR R_TRIG CF OR R_TRIG 51AP OR R_TRIG 51BP OR R_TRIG 51CP
LER	Length of Event Report (cycles)	Select: 15, 64, 180	15
PRE	Prefault Length (cycles)	Range = 1 to 10	5
FMR1NAM	Fast Message Read Name1 (9 characters)	Range = ASCII string with a maximum length of 9.	FMR1
FMR1	(24 analog quantities)	Valid range = 0, NA or a list of relay elements.	NA
FMR2NAM	Fast Message Read Name2 (9 characters)	Range = ASCII string with a maximum length of 9.	FMR2
FMR2	(24 analog quantities)	Valid range = 0, NA or a list of relay elements.	NA
FMR3NAM	Fast Message Read Name3 (9 characters)	Range = ASCII string with a maximum length of 9.	FMR3
FMR3	(24 analog quantities)	Valid range = 0, NA or a list of relay elements.	NA
FMR4NAM	Fast Message Read Name4 (9 characters)	Range = ASCII string with a maximum length of 9.	FMR4
FMR4	(24 analog quantities)	Valid range = 0, NA or a list of relay elements.	NA

RA01TYPE	Remote Analog 01 type	Select: I, F, L	I
RA02TYPE	Remote Analog 02 type	Select: I, F, L	I
RA03TYPE	Remote Analog 03 type	Select: I, F, L	I
RA04TYPE	Remote Analog 04 type	Select: I, F, L	I
RA05TYPE	Remote Analog 05 type	Select: I, F, L	I
RA06TYPE	Remote Analog 06 type	Select: I, F, L	I
RA07TYPE	Remote Analog 07 type	Select: I, F, L	I
RA08TYPE	Remote Analog 08 type	Select: I, F, L	I
RA09TYPE	Remote Analog 09 type	Select: I, F, L	I
RA10TYPE	Remote Analog 10 type	Select: I, F, L	I
RA11TYPE	Remote Analog 11 type	Select: I, F, L	I
RA12TYPE	Remote Analog 12 type	Select: I, F, L	I
RA13TYPE	Remote Analog 13 type	Select: I, F, L	I
RA14TYPE	Remote Analog 14 type	Select: I, F, L	I
RA15TYPE	Remote Analog 15 type	Select: I, F, L	I
RA16TYPE	Remote Analog 16 type	Select: I, F, L	I
RA17TYPE	Remote Analog 17 type	Select: I, F, L	I
RA18TYPE	Remote Analog 18 type	Select: I, F, L	I
RA19TYPE	Remote Analog 19 type	Select: I, F, L	I
RA20TYPE	Remote Analog 20 type	Select: I, F, L	I
RA21TYPE	Remote Analog 21 type	Select: I, F, L	I
RA22TYPE	Remote Analog 22 type	Select: I, F, L	I
RA23TYPE	Remote Analog 23 type	Select: I, F, L	I
RA24TYPE	Remote Analog 24 type	Select: I, F, L	I
RA25TYPE	Remote Analog 25 type	Select: I, F, L	I
RA26TYPE	Remote Analog 26 type	Select: I, F, L	I
RA27TYPE	Remote Analog 27 type	Select: I, F, L	I
RA28TYPE	Remote Analog 28 type	Select: I, F, L	I
RA29TYPE	Remote Analog 29 type	Select: I, F, L	I
RA30TYPE	Remote Analog 30 type	Select: I, F, L	I
RA31TYPE	Remote Analog 31 type	Select: I, F, L	I
RA32TYPE	Remote Analog 32 type	Select: I, F, L	I
LDLIST	Load Profile List (17 Analog Quantities)	Range = Maximum of 17 Analog Elements	NA
LDAR	Load Profile Acquisition Rate (mins)	Select: 5, 10, 15, 30, 60	15
Report Top			

Port F			
Top			
Setting	Description	Range	Value
EPORT	Enable Port	Select: Y, N	Y
PROTO	Protocol	Select: SEL, MOD, EVMSG, PMU	SEL
MAXACC	Maximum Access Level	Select: 1, 2, C	2
SPEED	Data Speed (bps)	Select: 300, 1200, 2400, 4800, 9600, 19200, 38400	9600
BITS	Data Bits (bits)	Select: 7, 8	8
PARITY	Parity	Select: O, E, N	N
STOP	Stop Bits (bits)	Select: 1, 2	1
T_OUT	Port Timeout (mins)	Range = 0 to 30	5
RTSCTS	Hardware Handshaking	Select: Y, N	N
LANG	Language	Select: ENGLISH, SPANISH	ENGLISH
AUTO	Send Auto Messages to Port	Select: Y, N	N
Port F			
Top			

Port 1			
Top			
Setting	Description	Range	Value
EPORT	Enable Port	Select: Y, N	Y
EETHFWU	Enable Ethernet Firmware Upgrade	Select: Y, N	N
IPADDR	Device IP Address [zzz.yyy.xxx.www]	Range = ASCII string with a maximum length of 15.	192.168.1.2
SUBNETM	Subnet Mask [zzz.yyy.xxx.www]	Range = ASCII string with a maximum length of 15.	255.255.255.0
DEFRTR	Default Router Gateway [zzz.yyy.xxx.www]	Range = ASCII string with a maximum length of 15.	192.168.1.1
ETCPKA	Enable TCP Keep-Alive	Select: Y, N	Y
KAIDLE	TCP Keep-Alive Idle Range (seconds)	Range = 1 to 20	10
KAINTV	TCP Keep-Alive Interval Range (seconds)	Range = 1 to 20	1
KACNT	TCP Keep-Alive Count Range	Range = 1 to 20	6
NETMODE	Operating Mode	Select: FIXED, FAILOVER, SWITCHED, PRP	FAILOVER
FTIME	Fail Over Time Out (seconds)	Range = 0,10 to 65,00, OFF	1,00
NETPORT	Primary Network Port	Select: A, B	A
NETASPD	Network Port A Speed (Mbps)	Select: AUTO, 10, 100	AUTO
NETBSPD	Network Port B Speed (Mbps)	Select: AUTO, 10, 100	AUTO
ETELNET	Enable Telnet	Select: Y, N	Y
MAXACC	Maximum Access Level	Select: 1, 2, C	2
LANG	Language	Select: ENGLISH, SPANISH	ENGLISH
TPORT	Telnet Port	Range = 1025 to 65534, 23	23
TCBAN	Telnet Connect Banner (254 ASCII printable characters)	Range = ASCII string with a maximum length of 254.	TERMINAL SERVER
TIDLE	Telnet Port Timeout (mins)	Range = 1 to 30	15
FASTOP	Fast Operate	Select: Y, N	N
EFTPSERV	Enable FTP	Select: Y, N	Y
FTPACC	FTP Maximum Access Level	Select: 1, 2, C	2
FTPUSER	FTP User Name (20 characters)	Range = ASCII string with a maximum length of 20.	FTPUSER
FTPCBAN	FTP Connect Banner (254 ASCII printable characters)	Range = ASCII string with a maximum length of 254.	FTP SERVER
FTPIDLE	FTP Idle Time (mins)	Range = 5 to 255	5
E61850	Enable IEC 61850 Protocol	Select: Y, N	N
EMOD	Enable Modbus Sessions	Select: 0-2	0
EHTTP	Enable HTTP Server	Select: Y, N	Y
HTTPACC	HTTP Maximum Access Level	Select: 1, 2	2
HTTPPORT	HTTP Server TCP/IP Port Number	Range = 1 to 65534	80
HTTPBAN	HTTP Connect Banner (254 ASCII printable characters)	Range = ASCII string with a maximum length of 254.	THIS SYSTEM IS FOR THE USE OF AUTHORIZED PERSONNEL ONLY.
HTTPIDLE	HTTP Web Server Timeout (minutes)	Range = 1 to 60	10
EDNP	Enable DNP Sessions	Select: 0-5	0

ESNTP	Enable SNTP Client	Select: OFF, UNICAST, MANYCAST, BROADCAST	OFF
EPTP	Enable PTP	Select: Y, N	N
Port 1			
Top			

Port 2 Top			
Setting	Description	Range	Value
EPORT	Enable Port	Select: Y, N	Y
PROTO	Protocol	Select: SEL, MOD, DNP, EVMSG, PMU, MBA, MBB, MB8A, MB8B, MBTA, MBTB	SEL
MAXACC	Maximum Access Level	Select: 1, 2, C	2
SPEED	Data Speed (bps)	Select: 300, 1200, 2400, 4800, 9600, 19200, 38400	9600
BITS	Data Bits (bits)	Select: 7, 8	8
PARITY	Parity	Select: O, E, N	N
STOP	Stop Bits (bits)	Select: 1, 2	1
T_OUT	Port Timeout (mins)	Range = 0 to 30	5
LANG	Language	Select: ENGLISH, SPANISH	ENGLISH
AUTO	Send Auto Messages to Port	Select: Y, N	N
FASTOP	Fast Operate	Select: Y, N	N
Port 2 Top			

Port 3			
Top			
Setting	Description	Range	Value
EPORT	Enable Port	Select: Y, N	Y
PROTO	Protocol	Select: SEL, MOD, DNP, EVMSG, PMU, MBA, MBB, MB8A, MB8B, MBTA, MBTB	SEL
MAXACC	Maximum Access Level	Select: 1, 2, C	2
SPEED	Data Speed (bps)	Select: 300, 1200, 2400, 4800, 9600, 19200, 38400	9600
BITS	Data Bits (bits)	Select: 7, 8	8
PARITY	Parity	Select: O, E, N	N
STOP	Stop Bits (bits)	Select: 1, 2	1
T_OUT	Port Timeout (mins)	Range = 0 to 30	5
RTSCTS	Hardware Handshaking	Select: Y, N	N
LANG	Language	Select: ENGLISH, SPANISH	ENGLISH
AUTO	Send Auto Messages to Port	Select: Y, N	N
FASTOP	Fast Operate	Select: Y, N	N
Port 3			
Top			

Modbus User Map			
			Top
Setting	Description	Range	Value
MOD_001	USER REG#001 (8 characters)	Range = Maximum of 1 Digital Elements	IA_MAG
MOD_002	USER REG#002 (8 characters)	Range = Maximum of 1 Digital Elements	IB_MAG
MOD_003	USER REG#003 (8 characters)	Range = Maximum of 1 Digital Elements	IC_MAG
MOD_004	USER REG#004 (8 characters)	Range = Maximum of 1 Digital Elements	IN_MAG
MOD_005	USER REG#005 (8 characters)	Range = Maximum of 1 Digital Elements	IG_MAG
MOD_006	USER REG#006 (8 characters)	Range = Maximum of 1 Digital Elements	IAV
MOD_007	USER REG#007 (8 characters)	Range = Maximum of 1 Digital Elements	3I2
MOD_008	USER REG#008 (8 characters)	Range = Maximum of 1 Digital Elements	UBI
MOD_009	USER REG#009 (8 characters)	Range = Maximum of 1 Digital Elements	VAVE
MOD_010	USER REG#010 (8 characters)	Range = Maximum of 1 Digital Elements	3V2
MOD_011	USER REG#011 (8 characters)	Range = Maximum of 1 Digital Elements	UBV
MOD_012	USER REG#012 (8 characters)	Range = Maximum of 1 Digital Elements	P
MOD_013	USER REG#013 (8 characters)	Range = Maximum of 1 Digital Elements	Q
MOD_014	USER REG#014 (8 characters)	Range = Maximum of 1 Digital Elements	S
MOD_015	USER REG#015 (8 characters)	Range = Maximum of 1 Digital Elements	PF
MOD_016	USER REG#016 (8 characters)	Range = Maximum of 1 Digital Elements	FREQ
MOD_017	USER REG#017 (8 characters)	Range = Maximum of 1 Digital Elements	MWH3PIH
MOD_018	USER REG#018 (8 characters)	Range = Maximum of 1 Digital Elements	MWH3PIL
MOD_019	USER REG#019 (8 characters)	Range = Maximum of 1 Digital Elements	MWH3POH
MOD_020	USER REG#020 (8 characters)	Range = Maximum of 1 Digital Elements	MWH3POL
MOD_021	USER REG#021 (8 characters)	Range = Maximum of 1 Digital Elements	MVRH3PIH
MOD_022	USER REG#022 (8 characters)	Range = Maximum of 1 Digital Elements	MVRH3PIL
MOD_023	USER REG#023 (8 characters)	Range = Maximum of 1 Digital Elements	MVRH3POH
MOD_024	USER REG#024 (8 characters)	Range = Maximum of 1 Digital Elements	MVRH3POL
MOD_025	USER REG#025 (8 characters)	Range = Maximum of 1 Digital Elements	MVAH3PH
		Range = Maximum of 1	

MOD_026	USER REG#026 (8 characters)	Digital Elements	MVAH3PL
MOD_027	USER REG#027 (8 characters)	Range = Maximum of 1 Digital Elements	RTDWDGMX
MOD_028	USER REG#028 (8 characters)	Range = Maximum of 1 Digital Elements	RTDBRGMX
MOD_029	USER REG#029 (8 characters)	Range = Maximum of 1 Digital Elements	RTDAMB
MOD_030	USER REG#030 (8 characters)	Range = Maximum of 1 Digital Elements	RTDOTHMX
MOD_031	USER REG#031 (8 characters)	Range = Maximum of 1 Digital Elements	IARMS
MOD_032	USER REG#032 (8 characters)	Range = Maximum of 1 Digital Elements	IBRMS
MOD_033	USER REG#033 (8 characters)	Range = Maximum of 1 Digital Elements	ICRMS
MOD_034	USER REG#034 (8 characters)	Range = Maximum of 1 Digital Elements	INRMS
MOD_035	USER REG#035 (8 characters)	Range = Maximum of 1 Digital Elements	IAMX
MOD_036	USER REG#036 (8 characters)	Range = Maximum of 1 Digital Elements	IAMN
MOD_037	USER REG#037 (8 characters)	Range = Maximum of 1 Digital Elements	IBMX
MOD_038	USER REG#038 (8 characters)	Range = Maximum of 1 Digital Elements	IBMN
MOD_039	USER REG#039 (8 characters)	Range = Maximum of 1 Digital Elements	ICMX
MOD_040	USER REG#040 (8 characters)	Range = Maximum of 1 Digital Elements	ICMN
MOD_041	USER REG#041 (8 characters)	Range = Maximum of 1 Digital Elements	INMX
MOD_042	USER REG#042 (8 characters)	Range = Maximum of 1 Digital Elements	INMN
MOD_043	USER REG#043 (8 characters)	Range = Maximum of 1 Digital Elements	IGMX
MOD_044	USER REG#044 (8 characters)	Range = Maximum of 1 Digital Elements	IGMN
MOD_045	USER REG#045 (8 characters)	Range = Maximum of 1 Digital Elements	KW3PMX
MOD_046	USER REG#046 (8 characters)	Range = Maximum of 1 Digital Elements	KW3PMN
MOD_047	USER REG#047 (8 characters)	Range = Maximum of 1 Digital Elements	KVAR3PMX
MOD_048	USER REG#048 (8 characters)	Range = Maximum of 1 Digital Elements	KVAR3PMN
MOD_049	USER REG#049 (8 characters)	Range = Maximum of 1 Digital Elements	KVA3PMX
MOD_050	USER REG#050 (8 characters)	Range = Maximum of 1 Digital Elements	KVA3PMN
MOD_051	USER REG#051 (8 characters)	Range = Maximum of 1 Digital Elements	FREQMX
MOD_052	USER REG#052 (8 characters)	Range = Maximum of 1 Digital Elements	FREQMN
MOD_053	USER REG#053 (8 characters)	Range = Maximum of 1 Digital Elements	TRIP_LO
MOD_054	USER REG#054 (8 characters)	Range = Maximum of 1	TRIP_HI

		Digital Elements	
MOD_055	USER REG#055 (8 characters)	Range = Maximum of 1 Digital Elements	WARN_LO
MOD_056	USER REG#056 (8 characters)	Range = Maximum of 1 Digital Elements	WARN_HI
MOD_057	USER REG#057 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_058	USER REG#058 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_059	USER REG#059 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_060	USER REG#060 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_061	USER REG#061 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_062	USER REG#062 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_063	USER REG#063 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_064	USER REG#064 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_065	USER REG#065 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_066	USER REG#066 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_067	USER REG#067 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_068	USER REG#068 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_069	USER REG#069 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_070	USER REG#070 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_071	USER REG#071 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_072	USER REG#072 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_073	USER REG#073 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_074	USER REG#074 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_075	USER REG#075 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_076	USER REG#076 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_077	USER REG#077 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_078	USER REG#078 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_079	USER REG#079 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_080	USER REG#080 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_081	USER REG#081 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_082	USER REG#082 (8 characters)	Range = Maximum of 1	NA

		Digital Elements	
MOD_083	USER REG#083 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_084	USER REG#084 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_085	USER REG#085 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_086	USER REG#086 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_087	USER REG#087 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_088	USER REG#088 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_089	USER REG#089 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_090	USER REG#090 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_091	USER REG#091 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_092	USER REG#092 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_093	USER REG#093 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_094	USER REG#094 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_095	USER REG#095 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_096	USER REG#096 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_097	USER REG#097 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_098	USER REG#098 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_099	USER REG#099 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_100	USER REG#100 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_101	USER REG#101 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_102	USER REG#102 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_103	USER REG#103 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_104	USER REG#104 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_105	USER REG#105 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_106	USER REG#106 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_107	USER REG#107 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_108	USER REG#108 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_109	USER REG#109 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_110	USER REG#110 (8 characters)	Range = Maximum of 1	NA

		Digital Elements	
MOD_111	USER REG#111 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_112	USER REG#112 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_113	USER REG#113 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_114	USER REG#114 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_115	USER REG#115 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_116	USER REG#116 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_117	USER REG#117 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_118	USER REG#118 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_119	USER REG#119 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_120	USER REG#120 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_121	USER REG#121 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_122	USER REG#122 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_123	USER REG#123 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_124	USER REG#124 (8 characters)	Range = Maximum of 1 Digital Elements	NA
MOD_125	USER REG#125 (8 characters)	Range = Maximum of 1 Digital Elements	NA
Modbus User Map			
			Top

DNP Map 1 Settings			
			Top
Setting	Description	Range	Value
BI_00	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	ENABLED
BI_01	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TRIP_LED
BI_02	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_01
BI_03	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_02
BI_04	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_03
BI_05	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_04
BI_06	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_05
BI_07	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_06
BI_08	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STFAIL
BI_09	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STSET
BI_10	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN101
BI_11	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN102
BI_12	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN301
BI_13	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN302
BI_14	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN303
BI_15	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN304
BI_16	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN305
BI_17	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN306
BI_18	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN307
BI_19	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN308
BI_20	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN309
BI_21	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN310
BI_22	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN311
BI_23	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN312
BI_24	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN313
		Range = Maximum of 1	

BI_25	DNP Binary Input Label Name (10 characters)	Digital Elements	IN314
BI_26	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN401
BI_27	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN402
BI_28	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN403
BI_29	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN404
BI_30	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN405
BI_31	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN406
BI_32	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN407
BI_33	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN408
BI_34	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN409
BI_35	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN410
BI_36	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN411
BI_37	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN412
BI_38	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN413
BI_39	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN414
BI_40	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_41	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_42	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_43	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_44	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_45	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_46	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_47	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_48	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_49	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_50	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_51	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_52	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_53	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_54	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_55	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_56	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_57	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_58	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_59	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_60	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_61	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_62	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_63	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_64	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_65	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_66	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_67	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_68	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_69	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_70	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_71	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_72	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_73	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_74	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_75	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_76	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_77	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_78	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_79	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_80	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_81	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_82	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_83	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_84	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_85	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_86	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_87	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_88	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_89	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_90	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_91	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_92	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_93	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_94	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_95	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_96	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_97	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_98	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_99	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BO_00	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB01
BO_01	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB02
BO_02	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB03
BO_03	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB04
BO_04	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB05
BO_05	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB06
BO_06	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB07
BO_07	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB08
BO_08	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB09
BO_09	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2	RB10

		Digital Elements	
BO_10	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB11
BO_11	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB12
BO_12	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB13
BO_13	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB14
BO_14	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB15
BO_15	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB16
BO_16	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB17
BO_17	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB18
BO_18	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB19
BO_19	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB20
BO_20	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB21
BO_21	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB22
BO_22	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB23
BO_23	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB24
BO_24	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB25
BO_25	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB26
BO_26	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB27
BO_27	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB28
BO_28	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB29
BO_29	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB30
BO_30	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB31
BO_31	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB32
AI_00	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IA_MAG
AI_01	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IB_MAG
AI_02	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IC_MAG
AI_03	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IG_MAG
AI_04	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IN_MAG
AI_05	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	IAV

		Analog Elements	
AI_06	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3I2
AI_07	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	FREQ
AI_08	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAB_MAG
AI_09	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VBC_MAG
AI_10	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VCA_MAG
AI_11	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAVE
AI_12	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3V2
AI_13	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	P
AI_14	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	Q
AI_15	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	S
AI_16	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	PF
AI_17	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_18	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_19	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_20	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_21	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_22	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_23	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_24	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_25	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_26	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_27	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_28	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_29	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_30	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_31	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_32	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_33	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_34	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_35	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_36	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_37	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_38	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_39	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_40	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_41	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_42	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_43	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_44	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_45	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_46	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_47	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_48	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_49	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_50	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_51	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_52	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_53	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_54	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_55	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_56	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_57	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_58	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_59	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_60	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_61	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_62	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_63	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_64	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_65	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_66	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_67	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_68	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_69	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_70	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_71	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_72	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_73	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_74	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_75	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_76	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_77	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_78	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_79	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_80	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_81	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_82	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_83	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_84	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_85	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_86	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_87	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_88	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_89	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_90	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_91	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_92	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_93	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_94	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_95	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_96	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_97	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_98	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_99	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AO_00	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_01	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_02	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_03	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_04	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_05	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_06	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_07	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_08	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_09	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_10	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_11	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_12	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_13	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_14	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_15	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_16	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_17	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1	NA

		Analog Elements	
AO_18	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_19	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_20	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_21	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_22	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_23	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_24	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_25	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_26	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_27	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_28	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_29	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_30	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_31	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
CO_00	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_01	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_02	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_03	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_04	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_05	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_06	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_07	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_08	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_09	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_10	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_11	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_12	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_13	DNP Counter Label Name (11 characters)	Range = Maximum of 1	NA

		Analog Elements	
CO_14	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_15	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_16	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_17	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_18	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_19	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_20	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_21	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_22	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_23	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_24	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_25	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_26	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_27	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_28	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_29	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_30	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_31	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
DNP Map 1 Settings			
			Top

DNP Map 2 Settings			
			Top
Setting	Description	Range	Value
BI_00	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	ENABLED
BI_01	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TRIP_LED
BI_02	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_01
BI_03	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_02
BI_04	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_03
BI_05	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_04
BI_06	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_05
BI_07	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_06
BI_08	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STFAIL
BI_09	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STSET
BI_10	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN101
BI_11	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN102
BI_12	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN301
BI_13	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN302
BI_14	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN303
BI_15	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN304
BI_16	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN305
BI_17	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN306
BI_18	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN307
BI_19	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN308
BI_20	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN309
BI_21	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN310
BI_22	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN311
BI_23	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN312
BI_24	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN313
		Range = Maximum of 1	

BI_25	DNP Binary Input Label Name (10 characters)	Digital Elements	IN314
BI_26	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN401
BI_27	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN402
BI_28	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN403
BI_29	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN404
BI_30	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN405
BI_31	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN406
BI_32	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN407
BI_33	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN408
BI_34	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN409
BI_35	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN410
BI_36	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN411
BI_37	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN412
BI_38	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN413
BI_39	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN414
BI_40	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_41	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_42	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_43	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_44	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_45	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_46	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_47	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_48	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_49	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_50	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_51	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_52	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_53	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_54	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_55	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_56	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_57	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_58	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_59	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_60	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_61	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_62	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_63	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_64	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_65	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_66	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_67	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_68	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_69	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_70	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_71	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_72	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_73	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_74	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_75	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_76	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_77	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_78	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_79	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_80	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_81	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_82	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_83	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_84	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_85	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_86	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_87	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_88	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_89	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_90	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_91	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_92	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_93	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_94	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_95	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_96	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_97	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_98	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_99	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BO_00	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB01
BO_01	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB02
BO_02	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB03
BO_03	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB04
BO_04	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB05
BO_05	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB06
BO_06	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB07
BO_07	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB08
BO_08	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB09
BO_09	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2	RB10

		Digital Elements	
BO_10	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB11
BO_11	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB12
BO_12	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB13
BO_13	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB14
BO_14	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB15
BO_15	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB16
BO_16	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB17
BO_17	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB18
BO_18	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB19
BO_19	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB20
BO_20	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB21
BO_21	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB22
BO_22	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB23
BO_23	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB24
BO_24	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB25
BO_25	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB26
BO_26	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB27
BO_27	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB28
BO_28	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB29
BO_29	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB30
BO_30	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB31
BO_31	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB32
AI_00	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IA_MAG
AI_01	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IB_MAG
AI_02	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IC_MAG
AI_03	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IG_MAG
AI_04	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IN_MAG
AI_05	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	IAV

		Analog Elements	
AI_06	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3I2
AI_07	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	FREQ
AI_08	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAB_MAG
AI_09	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VBC_MAG
AI_10	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VCA_MAG
AI_11	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAVE
AI_12	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3V2
AI_13	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	P
AI_14	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	Q
AI_15	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	S
AI_16	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	PF
AI_17	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_18	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_19	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_20	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_21	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_22	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_23	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_24	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_25	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_26	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_27	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_28	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_29	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_30	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_31	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_32	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_33	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_34	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_35	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_36	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_37	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_38	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_39	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_40	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_41	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_42	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_43	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_44	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_45	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_46	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_47	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_48	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_49	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_50	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_51	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_52	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_53	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_54	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_55	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_56	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_57	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_58	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_59	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_60	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_61	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_62	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_63	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_64	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_65	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_66	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_67	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_68	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_69	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_70	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_71	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_72	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_73	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_74	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_75	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_76	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_77	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_78	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_79	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_80	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_81	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_82	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_83	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_84	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_85	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_86	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_87	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_88	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_89	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_90	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_91	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_92	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_93	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_94	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_95	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_96	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_97	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_98	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_99	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AO_00	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_01	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_02	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_03	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_04	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_05	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_06	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_07	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_08	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_09	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_10	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_11	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_12	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_13	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_14	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_15	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_16	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_17	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1	NA

		Analog Elements	
AO_18	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_19	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_20	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_21	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_22	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_23	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_24	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_25	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_26	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_27	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_28	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_29	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_30	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_31	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
CO_00	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_01	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_02	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_03	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_04	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_05	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_06	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_07	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_08	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_09	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_10	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_11	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_12	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_13	DNP Counter Label Name (11 characters)	Range = Maximum of 1	NA

		Analog Elements	
CO_14	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_15	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_16	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_17	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_18	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_19	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_20	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_21	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_22	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_23	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_24	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_25	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_26	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_27	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_28	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_29	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_30	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_31	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
DNP Map 2 Settings			
			Top

DNP Map 3 Settings			
			Top
Setting	Description	Range	Value
BI_00	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	ENABLED
BI_01	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TRIP_LED
BI_02	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_01
BI_03	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_02
BI_04	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_03
BI_05	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_04
BI_06	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_05
BI_07	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	TLED_06
BI_08	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STFAIL
BI_09	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	STSET
BI_10	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN101
BI_11	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN102
BI_12	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN301
BI_13	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN302
BI_14	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN303
BI_15	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN304
BI_16	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN305
BI_17	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN306
BI_18	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN307
BI_19	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN308
BI_20	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN309
BI_21	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN310
BI_22	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN311
BI_23	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN312
BI_24	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN313
		Range = Maximum of 1	

BI_25	DNP Binary Input Label Name (10 characters)	Digital Elements	IN314
BI_26	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN401
BI_27	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN402
BI_28	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN403
BI_29	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN404
BI_30	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN405
BI_31	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN406
BI_32	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN407
BI_33	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN408
BI_34	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN409
BI_35	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN410
BI_36	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN411
BI_37	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN412
BI_38	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN413
BI_39	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	IN414
BI_40	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_41	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_42	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_43	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_44	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_45	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_46	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_47	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_48	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_49	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_50	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_51	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_52	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_53	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_54	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_55	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_56	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_57	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_58	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_59	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_60	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_61	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_62	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_63	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_64	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_65	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_66	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_67	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_68	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_69	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_70	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_71	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_72	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_73	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_74	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_75	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_76	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_77	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_78	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_79	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_80	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_81	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1	NA

		Digital Elements	
BI_82	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_83	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_84	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_85	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_86	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_87	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_88	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_89	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_90	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_91	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_92	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_93	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_94	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_95	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_96	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_97	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_98	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BI_99	DNP Binary Input Label Name (10 characters)	Range = Maximum of 1 Digital Elements	NA
BO_00	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB01
BO_01	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB02
BO_02	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB03
BO_03	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB04
BO_04	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB05
BO_05	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB06
BO_06	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB07
BO_07	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB08
BO_08	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB09
BO_09	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2	RB10

		Digital Elements	
BO_10	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB11
BO_11	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB12
BO_12	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB13
BO_13	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB14
BO_14	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB15
BO_15	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB16
BO_16	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB17
BO_17	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB18
BO_18	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB19
BO_19	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB20
BO_20	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB21
BO_21	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB22
BO_22	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB23
BO_23	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB24
BO_24	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB25
BO_25	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB26
BO_26	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB27
BO_27	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB28
BO_28	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB29
BO_29	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB30
BO_30	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB31
BO_31	DNP Binary Output Label Name (10 characters)	Range = Maximum of 2 Digital Elements	RB32
AI_00	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IA_MAG
AI_01	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IB_MAG
AI_02	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IC_MAG
AI_03	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IG_MAG
AI_04	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	IN_MAG
AI_05	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	IAV

		Analog Elements	
AI_06	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3I2
AI_07	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	FREQ
AI_08	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAB_MAG
AI_09	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VBC_MAG
AI_10	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VCA_MAG
AI_11	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	VAVE
AI_12	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	3V2
AI_13	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	P
AI_14	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	Q
AI_15	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	S
AI_16	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	PF
AI_17	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_18	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_19	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_20	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_21	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_22	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_23	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_24	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_25	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_26	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_27	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_28	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_29	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_30	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_31	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_32	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_33	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_34	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_35	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_36	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_37	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_38	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_39	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_40	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_41	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_42	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_43	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_44	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_45	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_46	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_47	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_48	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_49	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_50	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_51	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_52	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_53	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_54	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_55	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_56	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_57	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_58	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_59	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_60	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_61	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_62	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_63	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_64	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_65	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_66	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_67	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_68	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_69	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_70	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_71	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_72	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_73	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_74	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_75	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_76	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_77	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_78	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_79	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_80	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_81	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_82	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_83	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_84	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_85	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_86	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_87	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_88	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_89	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1	NA

		Analog Elements	
AI_90	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_91	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_92	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_93	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_94	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_95	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_96	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_97	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_98	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AI_99	DNP Analog Input Label Name (24 characters)	Range = Maximum of 1 Analog Elements	NA
AO_00	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_01	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_02	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_03	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_04	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_05	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_06	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_07	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_08	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_09	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_10	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_11	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_12	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_13	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_14	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_15	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_16	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_17	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1	NA

		Analog Elements	
AO_18	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_19	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_20	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_21	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_22	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_23	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_24	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_25	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_26	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_27	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_28	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_29	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_30	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
AO_31	DNP Analog Output Label Name (6 characters)	Range = Maximum of 1 Analog Elements	NA
CO_00	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_01	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_02	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_03	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_04	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_05	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_06	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_07	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_08	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_09	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_10	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_11	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_12	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_13	DNP Counter Label Name (11 characters)	Range = Maximum of 1	NA

		Analog Elements	
CO_14	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_15	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_16	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_17	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_18	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_19	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_20	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_21	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_22	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_23	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_24	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_25	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_26	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_27	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_28	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_29	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_30	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
CO_31	DNP Counter Label Name (11 characters)	Range = Maximum of 1 Analog Elements	NA
DNP Map 3 Settings			
			Top

Touchscreen			
Top			
Setting	Description	Range	Value
FPHOME	Display Home Screen	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	home
FPTO	Display Time-Out (mins)	Range = 1 to 30	15
FPDUR	Rotating Display Transition Time (seconds)	Range = 3 to 15	15
FPBAB	Backlight Active Brightness	Range = 1 to 10	6
FPRD01	Rotating Display 01	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	sld1
FPRD02	Rotating Display 02	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	sld2
FPRD03	Rotating Display 03	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD04	Rotating Display 04	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD05	Rotating Display 05	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD06	Rotating Display 06	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03,	

		meter_demand_04, meter_peakd ...	
FPRD07	Rotating Display 07	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD08	Rotating Display 08	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD09	Rotating Display 09	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD10	Rotating Display 10	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD11	Rotating Display 11	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD12	Rotating Display 12	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD13	Rotating Display 13	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD14	Rotating Display 14	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03,	

		meter_demand_04, meter_peakd ...	
FPRD15	Rotating Display 15	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPRD16	Rotating Display 16	Select: meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_peakd ...	
FPPB01	Pushbutton 01 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB02	Pushbutton 02 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB03	Pushbutton 03 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB04	Pushbutton 04 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB05	Pushbutton 05 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB06	Pushbutton 06 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07,	OFF

		meter_demand_03, meter_demand_04, meter_ ...	
FPPB07	Pushbutton 07 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
FPPB08	Pushbutton 08 HMI Screen	Select: OFF, meter_phasor_03, meter_rms_03, meter_fundamental_04, meter_fundamental_05, meter_fundamental_07, meter_demand_03, meter_demand_04, meter_ ...	OFF
BK01TTY	Breaker Trip Type	Select: 3	3
BK01MOD	Breaker Mode	Select: CONTROL, MONITOR	MONITOR
BK01CS	Breaker Close Status	Range = Maximum of 1 Digital Elements	52A
BK01OS	Breaker Open Status	Range = Maximum of 1 Digital Elements	52B
BK01AS	Breaker Alarm Status	Range = Maximum of 1 Digital Elements	NA
ALAB01	Analog Quantity	Range = Maximum of 1 Analog Elements	IA_MAG
ALAB02	Analog Quantity	Range = Maximum of 1 Analog Elements	IB_MAG
ALAB03	Analog Quantity	Range = Maximum of 1 Analog Elements	IC_MAG
ALAB07	Analog Quantity	Range = Maximum of 1 Analog Elements	IG_MAG
ALAB04	Analog Quantity	Range = Maximum of 1 Analog Elements	VAB_MAG
ALAB05	Analog Quantity	Range = Maximum of 1 Analog Elements	VBC_MAG
ALAB06	Analog Quantity	Range = Maximum of 1 Analog Elements	VCA_MAG
ALAB19	Analog Quantity	Range = Maximum of 1 Analog Elements	PF
ALAB08	Analog Quantity	Range = Maximum of 1 Analog Elements	IA_MAG
ALAB10	Analog Quantity	Range = Maximum of 1 Analog Elements	IB_MAG
ALAB12	Analog Quantity	Range = Maximum of 1 Analog Elements	IC_MAG
ALAB14	Analog Quantity	Range = Maximum of 1 Analog Elements	IG_MAG
ALAB17	Analog Quantity	Range = Maximum of 1 Analog Elements	Q
ALAB16	Analog Quantity	Range = Maximum of 1 Analog Elements	P
ALAB18	Analog Quantity	Range = Maximum of 1 Analog Elements	S
ALAB09	Analog Quantity	Range = Maximum of 1	IA_ANG

		Analog Elements	
ALAB11	Analog Quantity	Range = Maximum of 1 Analog Elements	IB_ANG
ALAB13	Analog Quantity	Range = Maximum of 1 Analog Elements	IC_ANG
ALAB15	Analog Quantity	Range = Maximum of 1 Analog Elements	IG_ANG
ALAB27	Analog Quantity	Range = Maximum of 1 Analog Elements	VG_MAG
ALAB23	Analog Quantity	Range = Maximum of 1 Analog Elements	VB_MAG
ALAB25	Analog Quantity	Range = Maximum of 1 Analog Elements	VC_MAG
ALAB21	Analog Quantity	Range = Maximum of 1 Analog Elements	VA_MAG
ALAB20	Analog Quantity	Range = Maximum of 1 Analog Elements	FREQ
ALAB28	Analog Quantity	Range = Maximum of 1 Analog Elements	VG_ANG
ALAB24	Analog Quantity	Range = Maximum of 1 Analog Elements	VB_ANG
ALAB26	Analog Quantity	Range = Maximum of 1 Analog Elements	VC_ANG
ALAB22	Analog Quantity	Range = Maximum of 1 Analog Elements	VA_ANG
PROJECT			Value cannot be displayed
PROJNAME			New Project.Idme
Touchscreen Top			

