

TRL-8nn ADDRESS TABLE			Function 03 Read: Function 06 Presetting									
Name	Address		Range	Explain	initial		Unit	Read/Write			Note	
	Decimal	Hexadec										
Model & Company	0	0000	Constatnt Ascii of Model & Company	Model & Option	0	" T "		R			"T" "R" Ascii Code	
	1	0001			" R "	" L "		R		"L" "L" Ascii Code		
	2	0002			840		R		"8" "n" Ascii Code			
	3	0003			Company name		" F "	" N "		R		"n" "F" Ascii Code
	4	0004			RX TX Couner		" P "	0		R		"N" "P" Ascii Code
Version	5	0005	0000 to 65535	Hard Ware & Soft Ware version		SW	HW		R		Soft ware & Hard ware version in	
Production Date	6	0006	(00D - 99D)H (01D - 12D)L	Year	Month	YM			R/W			
Serial Number	7	0007	0-65535	Serial Number			SN			R/W		
Pass Word	8	0008	0 - 9999	Pass Word			1234			R/W	Change with RS-232 only	
ID Address	9	0009	1 - 247	Device Address RS485 Communication			0	01		R/W	Change with RS-232 only @ ID address : 250	
Baud Rate	10	000A	00h to 07h	Baud Rate of RS-485 Communication (Change with USB Port only)	0005H	Bit/S	R/W	Baud Rate	00h	300		
									01h	600		
									02h	1200		
									03h	2400		
									04h	4800		
									05h	9600		
									06h	14400		
									07h	19600		
Parity & Stop bit	11	000B	00h to 05h	Parity & Baud Rate Communication (Change with USB Port only)	00A1h	R/W	Parity & Stop bit	00h	None parity 1 Stop bit			
								01h	None parity 2 Stop bit			
								02h	Odd parity 1 Stop bit			
								03h	Odd parity 2 Stop bit			
								04h	Even parity 1 Stop bit			
								05h	Even parity 2 Stop bit			
Wiring Type	12	000C	0 - 5	Voltage & current Input Wiring Type	0000h	R/W	Wiring Type	0h	3 Phase 4 wire Unbalance			
								1h	3 Phase 4 wire Balance			
								2h	3 Phase 3 wire Unbalance			
								3h	3 Phase 3 wire Balance Type 1			
								4h	3 Phase 3 wire Balance Type 2			
								5h	1 Phase			
Fn	13	000D	3000-9000	Nominal frequency x100			5000	Hz	R/W	Example	5000 is equal 50.00Hz	
Primery of PT	14	000E	10 - 50000	Primery value of PT x10			1155	V	R/W	Example	1155 is equal to 11.55KV(20KV/v3)	
Secondary of PT	15	000F	100 - 40000	Secondary value of PT x0.01			6350	V	R/W	Example	6350 is equal to 63.50V(110/v3)	
Primery of CT	16	0010	1 - 50000	Primery value of CT x1			1000	A	R/W	Example	1000 is equal to 1000A	
Secondary of CT	17	0011	1 - 600	Secondary value of CT x0.01			100	A	R/W	Example	100 is equal to 1.00A	
Analog Output Calibration Mode Change	18	0012	0055h or 0000h to 0005h	Analog Output Calibration Mode Change	0055h	R/W	Ana	0055h	Normal Mode			
								005Ah	Edit Mode			
								00AAh	Toggle Change Mode			
								0000h	Current offset calibration mode			
								0001h	Voltage offset calibration mode			
								0002h	Current 4mA calibration mode			
								0003h	Voltage 2V calibration mode			
								0004h	Current 19mA calibration mode			
0005h	Voltage 9.5V calibration mode											
	19	0013	0001h or 0011h to 0017h or 0021h to 0025h or	Channel 1 Analog Output Define to the Measured Quantity	0011h	R	Ana	01h	F : Frequency			
								11h	VL1 : Phase 1 voltage			
								12h	VL2 : Phase 2 voltage			
								13h	VL3 : Phase 3 voltage			
								14h	VL1 L2 : Line 1,2 Voltage			
								15h	VL1 L3 : Line 1,3 Voltage			
								16h	VL2 L3 : Line 2,3 Voltage			
								17h	VL1L2L3 : Voltage vector sum			
								21h	IL1 : Current 1 Phase			
								22h	IL2 : Current 2 Phase			

TRL-8nn ADDRESS TABLE			Function 03 Read: Function 06 Presetting											
Name	Address		Range	Explain	initial	Unit	Read/Write						Note	
Analog Output Define to Measured Quantity	20	0014	0031h to 0034h or 0041h to 0044h or 0051h to 0054h or 0061h to 0064h or 0071h to 0073h	Channel 2 Analog Output Define to the Measured Quantity	0021h		R	log Output Define to Measured Quantity				23h	IL3 : Current 3 Phase	
				24h								IL1L2L3 : Current vector sum		
				25h								ILN : Null Current		
	31h	PL1 : Phase 1 Active Power												
	32h	PL2 : Phase 2 Active Power												
	33h	PL3 : Phase 3 Active Power												
	34h	PLT : Total Active Power												
	41h	QL1 : Phase 1 Reactive Power												
	42h	QL2 : Phase 2 Reactive Power												
43h	QL3 : Phase 3 Reactive Power													
44h	QLT : Total Reactive Power													
51h	SL1 : Phase 1 Apparent Power													
52h	SL2 : Phase 2 Apparent Power													
53h	SL3 : Phase 3 Apparent Power													
54h	SLT : Total Apparent Power													
61h	PF1 : Phase 1 Power Factor													
62h	PF2 : Phase 2 Power Factor													
63h	PF3 : Phase 3 Power Factor													
64h	PFT : Total Power Factor													
71h	PA1 : Phase 1 Phase Angle													
72h	PA2 : Phase 2 Phase Angle													
73h	PA3 : Phase 3 Phase Angle													
Analog Output Type	23	0017	0055h or 00AAh	Channel 1 Analog Output Type	0055h		R/W	Analog Output Type				55h	Current Source	
	24	0018		Channel 2 Analog Output Type	0055h		R/W					AAh	Voltage Source	
	25	0019		Channel 3 Analog Output Type	0055h		R/W							
	26	001A		Channel 4 Analog Output Type	0055h		R/W							
Electrical Parameter X_0 Minimum Setting	27	001B	0 to 20000	Channel 1 Electrical Parameter X_0 Minimum Setting	0		R	Example				0 is	for 0 of quantity	
	28	001C		Channel 2 Electrical Parameter X_0 Minimum Setting	0		R					Example		
	29	001D		Channel 3 Electrical Parameter X_0 Minimum Setting	0		R					Example		
	30	001E		Channel 4 Electrical Parameter X_0 Minimum Setting	0		R					Example		
	31	001F		Channel 1 Analog Output Y_0 Minimum Setting	0		R					Example		
Analog Output Y_0 Minimum Setting	32	0020	0 to 20000	Channel 2 Analog Output Y_0 Minimum Setting	0		R	Example						
	33	0021		Channel 3 Analog Output Y_0 Minimum Setting	0		R					Example		
	34	0022		Channel 4 Analog Output Y_0 Minimum Setting	0		R					Example		
	35	0023		Channel 1 Electrical Parameter X_1 Middel Setting	0		R					Example	0 is	for 0 of quantity
Electrical Parameter X_1 Middel Setting	36	0024	0 to 20000 or 32000	Channel 2 Electrical Parameter X_1 Middel Setting	0		R	Example						
	37	0025		Channel 3 Electrical Parameter X_1 Middel Setting	0		R					Example		
	38	0026		Channel 4 Electrical Parameter X_1 Middel Setting	0		R					Example		
	39	0027		Channel 1 Analog Output Y_1 Middel Setting	0		R					Example		
Analog Output Y_1 Middel Setting	40	0028	0 to 20000 or 32000	Channel 2 Analog Output Y_1 Middel Setting	0		R	Example						
	41	0029		Channel 3 Analog Output Y_1 Middel Setting	0		R					Example		
	42	002A		Channel 4 Analog Output Y_1 Middel Setting	0		R					Example		
	43	002B		Channel 1 Electrical Parameter X_2 Maximum Setting	0		R					Example	0 is	for 0 of quantity
Electrical Parameter X_2 Maximum Setting	44	002C	0 to 20000	Channel 2 Electrical Parameter X_2 Maximum Setting	0		R	Example						
	45	002D		Channel 3 Electrical Parameter X_2 Maximum Setting	0		R					Example		
	46	002E		Channel 4 Electrical Parameter X_2 Maximum Setting	0		R					Example		
	47	002F		Channel 1 Analog Output Y_2 Maximum Setting	0		R					Example		
Analog Output Y_2 Maximum Setting	48	0030	0 to 20000	Channel 2 Analog Output Y_2 Maximum Setting	0		R	Example						
	49	0031		Channel 3 Analog Output Y_2 Maximum Setting	0		R					Example		
	50	0032		Channel 4 Analog Output Y_2 Maximum Setting	0		R					Example		

TRL-8nn ADDRESS TABLE			Function 03 Read										
Alarm Flags	51	0033	0000h TO FFFFh	Alarm Flags	0		R						
EMU	52	0034	0000h TO FFFFh	EMU Status Register	0		R						
PDF	53	0035	0000h TO FFFFh	Power Direction Flag	0		R						QtSign,QcSign,QbSign,QaSign,PtS

TRL-8nn ADDRESS TABLE			Function 03 Read; Function 06 Presetting											
Name	Address	Range	Explain		initial	Unit	Read/Write						Note	
V Ratio Scale	54	0036	1,10,100,1000	Voltage Ratio Scale	0	-	R							
I Ratio Scale	55	0037	1,10,100,1000	Current Ratio Scale	0	-	R							
P Ratio Scale	56	0038	1,10,100,1000	Power Ratio Scale	0	-	R							
F	57	0039	0 TO 32767	Frequency	F / 100	5000	Hz	R						
VL1	58	003A	0 TO 32767	Phase L1 Voltage	VL1 / V Ratio Scale	0	V	R						
VL2	59	003B	0 TO 32767	Phase L2 Voltage	VL2 / V Ratio Scale	0	V	R						
VL3	60	003C	0 TO 32767	Phase L3 Voltage	VL3 / V Ratio Scale	0	V	R						
VL1L2	61	003D	0 TO 32767	Phase L1 vs Phase L2 Voltage	VL1VL2 / V Ratio Scale	0	V	R						
VL1L3	62	003E	0 TO 32767	Phase L1 vs Phase L3 Voltage	VL1VL3 / V Ratio Scale	0	V	R						
VL2L3	63	003F	0 TO 32767	Phase L2 vs Phase L3 Voltage	VL1VL2 / V Ratio Scale	0	V	R						
VL1L2L3	64	0040	0 TO 32767	Vector Sum Phase Voltage	VL1VL2VL3 / V Ratio Scale	0	V	R						
IL1	65	0041	-32768 TO 32767	Phase L1 Current	IL1 / I Ratio Scale	0	A	R						
IL2	66	0042	-32768 TO 32767	Phase L2 Current	IL2 / I Ratio Scale	0	A	R						
IL3	67	0043	-32768 TO 32767	Phase L3 Current	IL3 / I Ratio Scale	0	A	R						
IL1L2L3	68	0044	-32768 TO 32767	Vector Sum Phase Current	IL1L2L3 / I Ratio Scale	0	A	R						
ILN	69	0045	-32768 TO 32767	Null Current	ILN / I Ratio Scale	0	A	R						
PL1	70	0046	-32768 TO 32767	Phase L1 Active Power	PL1 / P Ratio Scale	0	W	R						
PL2	71	0047	-32768 TO 32768	Phase L2 Active Power	PL2 / P Ratio Scale	0	W	R						
PL3	72	0048	-32768 TO 32769	Phase L3 Active Power	PL3 / P Ratio Scale	0	W	R						
PLT	73	0049	-32768 TO 32770	Total Active Power	PLT / P Ratio Scale	0	W	R						
QL1	74	004A	-32768 TO 32771	Phase L1 Reactive Power	QL1 / P Ratio Scale	0	VAR	R						
QL2	75	004B	-32768 TO 32772	Phase L2 Reactive Power	QL2 / P Ratio Scale	0	VAR	R						
QL3	76	004C	-32768 TO 32773	Phase L3 Reactive Power	QL3 / P Ratio Scale	0	VAR	R						
QLT	77	004D	-32768 TO 32774	Total Reactive Power	QLT / P Ratio Scale	0	VAR	R						
SL1	78	004E	0 TO 32767	Phase L1 Apparent Power	SL1 / P Ratio Scale	0	VA	R						
SL2	79	004F	0 TO 32767	Phase L2 Apparent Power	SL2 / P Ratio Scale	0	VA	R						
SL3	80	0050	0 TO 32767	Phase L3 Apparent Power	SL3 / P Ratio Scale	0	VA	R						
SLT	81	0051	0 TO 32767	Total Apparent Power	SLT / P Ratio Scale	0	VA	R						
PFL1	82	0052	-100 TO 100	Phase L1 Power Factor	PFL1 / 100	100	-	R						
PFL2	83	0053	-100 TO 100	Phase L2 Power Factor	PFL2 / 100	100	-	R						
PFL3	84	0054	-100 TO 100	Phase L3 Power Factor	PFL3 / 100	100	-	R						
PFLT	85	0055	-100 TO 100	Total Power Factor	PFLT / 100	100	-	R						
PAL1	86	0056	-1800 TO +1800	V - I L1 Phase Angle	PAL1 / 10	0	Deg.	R						
PAL2	87	0057	-1800 TO +1800	V - I L2 Phase Angle	PAL2 / 10	0	Deg.	R						
PAL3	88	0058	-1800 TO +1800	V - I L3 Phase Angle	PAL3 / 10	0	Deg.	R						
VL1L2PA	89	0059	0 TO 3600	Voltage L1 L2 Phase Angle	VL1L2PA / 10	1200	V	R						
VL1L3PA	90	005A	0 TO 3600	Voltage L1 L3 Phase Angle	VL1L3PA / 10	1200	V	R						
VL2L3PA	91	005B	0 TO 3600	Voltage L2 L3 Phase Angle	VL2L3PA / 10	1200	V	R						
VL1 H1	92	005C	0 TO 32767	Phase L1 Voltage Fundamental Wave	VL1 H1 / V Ratio Scale	0	V	R						
VL2 H1	93	005D	0 TO 32767	Phase L2 Voltage Fundamental Wave	VL2 H1 / V Ratio Scale	0	V	R						
VL3 H1	94	005E	0 TO 32767	Phase L3 Voltage Fundamental Wave	VL3 H1 / V Ratio Scale	0	V	R						
VL1L2 H1	95	005F	0 TO 32767	Phase L1 vs Phase L2 Voltage	VL1VL2 H1 / V Ratio Scale	0	V	R						
VL1L3 H1	96	0060	0 TO 32767	Phase L1 vs Phase L3 Voltage	VL1VL3 H1 / V Ratio Scale	0	V	R						
VL2L3 H1	97	0061	0 TO 32767	Phase L2 vs Phase L3 Voltage	VL1VL2 H1 / V Ratio Scale	0	V	R						
IL1 H1	98	0062	-32768 TO 32767	Phase L1 Current Fundamental Wave	IL1 H1 / I Ratio Scale	0	A	R						
IL2 H1	99	0063	-32768 TO 32767	Phase L2 Current Fundamental Wave	IL2 H1 / I Ratio Scale	0	A	R						
IL3 H1	100	0064	-32768 TO 32767	Phase L3 Current Fundamental Wave	IL3 H1 / I Ratio Scale	0	A	R						
PL1 H1	101	0065	-32768 TO 32767	Phase L1 Active Power Fundamental Wave	PL1 H1 / P Ratio Scale	0	W	R						
PL2 H1	102	0066	-32768 TO 32767	Phase L2 Active Power Fundamental Wave	PL2 H1 / P Ratio Scale	0	W	R						
PL3 H1	103	0067	-32768 TO 32767	Phase L3 Active Power Fundamental Wave	PL3 H1 / P Ratio Scale	0	W	R						
PLT H1	104	0068	-32768 TO 32768	Total Active Power Fundamental Wave	PLT H1 / P Ratio Scale	0	W	R						
THDVL1	105	0069	0 To 1000	THD Phase L1 Voltage	THDVL1 / 10	0	%	R						
THDVL2	106	006A	0 To 1000	THD Phase L2 Voltage	THDVL2 / 10	0	%	R						
THDVL3	107	006B	0 To 1000	THD Phase L3 Voltage	THDVL3 / 10	0	%	R						
THDVL1L2	108	006C	0 To 1000	THD Phase L1 vs Phase L2 Voltage	THDVL1L2 / 10	0	%	R						

TRL-8nn ADDRESS TABLE			Function 03 Read; Function 06 Presetting											
Name	Address	Range	Explain			initial	Unit	Read/Write					Note	
THDVL1L3	109	006D	0 To 1000	THD Phase L1 vs Phase L3 Voltage	THDVL1L3 / 10	0	%	R						
THDVL2L3	110	006E	0 To 1000	THD Phase L2 vs Phase L3 Voltage	THDVL2L3 / 10	0	%	R						
THDIL1	111	006F	0 To 1000	THD Phase L1 Current	THDIL1 / 10	0	%	R						
THDIL2	112	0070	0 To 1000	THD Phase L2 Current	THDIL2 / 10	0	%	R						
THDIL3	113	0071	0 To 1000	THD Phase L3 Current	THDIL3 / 10	0	%	R						
THDPL1	114	0072	0 To 1000	THD Phase L1 Active Power	THDPL1 / 10	0	%	R						
THDPL2	115	0073	0 To 1000	THD Phase L2 Active Power	THDPL2 / 10	0	%	R						
THDPL3	116	0074	0 To 1000	THD Phase L3 Active Power	THDPL3 / 10	0	%	R						
THDPLT	117	0075	1 To 1000	THD Total Active Power	THDPLT / 10	0	%	R						
DPF1	118	0076	0 To 1000	Distortion Power Factor L1	DPF1 / 10	0		R						
DPF2	119	0077	0 To 1000	Distortion Power Factor L2	DPF2 / 10	0		R						
DPF3	120	0078	0 To 1000	Distortion Power Factor L3	DPF3 / 10	0		R						
VPHASEAVG	121	0079	0 To 32767	Average Phase Voltage	(VL1+VL2+VL3)/3 / I Ratio Scale	0	V	R						
VLINEAVG	122	007A	0 TO 32767	Average Line Voltage	(VL1L2+VL1L3+VL2L3)/3 / I Ratio Scale	0	V	R						
IPHASEAVG	123	007B	0 TO 32767	Average Phase Current	(IL1+IL2+IL3)/3 / I Ratio Scale	0	A	R						
reserve	124	007C												
reserve	125	007D												
reserve	126	007E												
reserve	127	007F												
reserve	128	0080												
TRL-8nn ADDRESS TABLE			Function 03 Read; Function 06 Presetting											
Hf_const_EE	129	0081		EC impulse constant/KWH Calibration										
EC Calibration	130	0082		EC impulse constant/KWH					R/W					
EC	131	0083		EC impulse constant/KWH					R/W					
REAL_YEAR	132	0084	(14D - 99D)Y		Real Year	0Y			R/W					
REAL_DATE	133	0085	(01D - 12D)M (01D - 31D)L	Real Month	Real Day	Mo	D		R/W					
REAL_TIME	134	0086	(00D - 23D)H (00D - 59D)M	Real Hour	Real Minute	H	Mi		R/W					
REAL_SEC_DOW	135	0087	(00D - 59D)S (01D - 07D)D	Real Second	Real Day of Week	S	DoW		R/W					
TARIFF	136	0088	(00D - 03D)H (55H orAAH)L	Active Tariff	Tariff On or OFF	AT	T		R				Tariff 1 to Traiff 4 is 0 to 3 55h=OFF AAH=ON	
reserve	137													
reserve	138													
reserve	139													
TIME_TARIFF_WDG_1	140	008C		Start Time Tariff Working day Group 1	Tariff n	H	M		R/W					
TIME_TARIFF_WDG_2	141	008D		Stop Time Tariff Working day Group 1					R/W					
TIME_TARIFF_WDG_3	142	008E		Start Time Tariff Working day Group 2					R/W					
TIME_TARIFF_WDG_4	143	008F		Stop Time Tariff Working day Group 2					R/W					
TIME_TARIFF_WDG_5	144	0090		Start Time Tariff Working day Group 3					R/W					
TIME_TARIFF_WDG_6	145	0091		Stop Time Tariff Working day Group 3					R/W					
TIME_TARIFF_WDG_7	146	0092		Start Time Tariff Working day Group 4					R/W					
TIME_TARIFF_WDG_8	147	0093		Stop Time Tariff Working day Group 4					R/W					
TIME_TARIFF_WDG_9	148	0094		Start Time Tariff Working day Group 5					R/W					
TIME_TARIFF_WDG_10	149	0095		Stop Time Tariff Working day Group 5					R/W					
TIME_TARIFF_WDG_11	150	0096		Start Time Tariff Working day Group 6					R/W					
TIME_TARIFF_WDG_12	151	0097		Stop Time Tariff Working day Group 6					R/W					
TIME_TARIFF_HDG_1	152	0098		Start Time Tariff Working day Group 7					R/W					
TIME_TARIFF_HDG_2	153	0099		Stop Time Tariff Working day Group 7					R/W					
TIME_TARIFF_HDG_3	154	009A		Start Time Tariff Working day Group 8					R/W					
TIME_TARIFF_HDG_4	155	009B		Stop Time Tariff Working day Group 8					R/W					
TIME_TARIFF_HDG_5	156	009C		Start Time Tariff Working day Group 9					R/W					
TIME_TARIFF_HDG_6	157	009D		Stop Time Tariff Working day Group 9					R/W					
TIME_TARIFF_HDG_7	158	009E		Start Time Tariff Working day Group 10					R/W					
TIME_TARIFF_HDG_8	159	009F		Stop Time Tariff Working day Group 10					R/W					
TIME_TARIFF_HDG_9	160	00A0		Start Time Tariff Working day Group 11					R/W					
TIME_TARIFF_HDG_10	161	00A1		Stop Time Tariff Working day Group 11					R/W					
TIME_TARIFF_HDG_11	162	00A2		Start Time Tariff Working day Group 12					R/W					

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Name	Address	Range	Explain		initial	Unit	Read/Write			Note		
TIME_TARIFF_HDG_12	163	00A3	Stop Time Tariff Working day Group 12				R/W					
reserve	164											
reserve	165											
EP_IMP_LT_T1	170	00AA	0 To 99999999.9	Import Active Total Energy (Tariff 1) :	0		R			Hi word		
	171	00AB		The real physical value is = EP_IMP_LT_T1 / 10 (Unit: Kwh)						Lo word		
EP_IMP_LT_T2	172	00AC	0 To 99999999.9	Import Active Total Energy (Tariff 2) :	0		R			Hi word		
	173	00AD		The real physical value is = EP_IMP_LT_T2 / 10 (Unit: Kwh)						Lo word		
EP_IMP_LT_T3	174	00AE	0 To 99999999.9	Import Active Total Energy (Tariff 3) :	0		R			Hi word		
	175	00AF		The real physical value is = EP_IMP_LT_T3 / 10 (Unit: Kwh)						Lo word		
EP_EXP_LT_T1	176	00B0	0 To 99999999.9	Export Active Total Energy (Tariff 1) :	0		R			Hi word		
	177	00B1		The real physical value is = EP_EXP_LT_T1 / 10 (Unit: Kwh)						Lo word		
EP_EXP_LT_T2	178	00B2	0 To 99999999.9	Export Active Total Energy (Tariff 2) :	0		R			Hi word		
	179	00B3		The real physical value is = EP_EXP_LT_T2 / 10 (Unit: Kwh)						Lo word		
EP_EXP_LT_T3	180	00B4	0 To 99999999.9	Export Active Total Energy (Tariff 3) :	0		R			Hi word		
	181	00B5		The real physical value is = EP_EXP_LT_T3 / 10 (Unit: Kwh)						Lo word		
EQ_LAG_LT_T1	182	00B6	0 To 99999999.9	Lag Reactive Total Energy (Tariff 1) :	0		R			Hi word		
	183	00B7		The real physical value is = EQ_LAG_LT_T1 / 10 (Unit: KVarh)						Lo word		
EQ_LAG_LT_T2	184	00B8	0 To 99999999.9	Lag Reactive Total Energy (Tariff 2) :	0		R			Hi word		
	185	00B9		The real physical value is = EQ_LAG_LT_T2 / 10 (Unit: KVarh)						Lo word		
EQ_LAG_LT_T3	186	00BA	0 To 99999999.9	Lag Reactive Total Energy (Tariff 3) :	0		R			Hi word		
	187	00BB		The real physical value is = EQ_LAG_LT_T3 / 10 (Unit: KVarh)						Lo word		
EQ_LEAD_LT_T1	188	00BC	0 To 99999999.9	Lead Reactive Total Energy (Tariff 1) :	0		R			Hi word		
	189	00BD		The real physical value is = EQ_LEAD_LT_T1 / 10 (Unit: KVarh)						Lo word		
EQ_LEAD_LT_T2	190	00BE	0 To 99999999.9	Lead Reactive Total Energy (Tariff 2) :	0		R			Hi word		
	191	00BF		The real physical value is = EQ_LEAD_LT_T2 / 10 (Unit: KVarh)						Lo word		
EQ_LEAD_LT_T3	192	00C0	0 To 99999999.9	Lead Reactive Total Energy (Tariff 3) :	0		R			Hi word		
	193	00C1		The real physical value is = EQ_LEAD_LT_T3 / 10 (Unit: KVarh)						Lo word		
ES_LT	194	00C2	0To 99999999.9	Apparant Total Energy :	0		R			Hi word		
	195	00C3		The real physical value is = ES_LT / 10 (Unit: KVAh)						Lo word		

TRL-8nn ADDRESS TABLE			Function 06 Presetting									
Name	Address	Range	Explain		initial	Unit	Read/Write			Note		
										0155h Decrease Channel 1 (341d)		
										01AAh Increase Channel 1 (426d)		
										0255h Decrease Channel 2 (597d)		

TRL-8nn ADDRESS TABLE			Function 03 Read; Function 06 Presetting									
Name	Address	Range	Explain	initial	Unit	Read/Write				Note		
Analog Output Up Down	48	0030h	0 to 12000 or -5000 to 7000	Analog Output Calibration Up Down Change		W			02AAh	Increase Channel 2 (682d)		
									0355h	Decrease Channel 3 (853d)		
									03AAh	Increase Channel 3 (938d)		
									0455h	Decrease Channel 4 (1109d)		
									04AAh	Increase Channel 4 (1194d)		
Analog Output Quantity Edit	50	0032h	0	Channel 1 Analog Output Edit		W				available in Edit Mode only		
	51	0033h	to	Channel 2 Analog Output Edit		W						
	52	0034h	10000	Channel 3 Analog Output Edit		W						
	53	0035h		Channel 4 Analog Output Edit		W						
	54	0036h		Channel 1 to 4 Analog Output Edit		W						

100	0064h	00h	Clear Calibration Data			W	Clear All Calibration data for Input
		01h	RMS Offset Calibration Command			W	
		02h	RMS Voltage Gain Calibration Clear			W	
		03h	RMS Current Gain Calibration Clear			W	
		04h	Power Gain Calibration Clear			W	
		0Ch	RMS Voltage Gain Calibration Command			W	
		0Dh	RMS Current Gain Calibration Command			W	
		0Eh	Power Gain Calibration Command			W	
		(Phase*100h) or (00F1h)	Voltage Calibration Register + 1			W	
		(Phase*100h) or (00FAh)	Voltage Calibration Register + 10			W	
		(Phase*100h) or (00E1h)	Current Calibration Register + 1			W	
		(Phase*100h) or (00EAh)	Voltage Calibration Register + 10			W	
		(Phase*100h) or (00D1h)	Voltage Calibration Register - 1			W	
		(Phase*100h) or (00DAh)	Voltage Calibration Register - 10			W	
		(Phase*100h) or (00C1h)	Current Calibration Register - 1			W	
		(Phase*100h) or (00CAh)	Voltage Calibration Register - 10			W	
		(Phase*100h) or (00B1h)	Power Calibration Register + 1			W	
		(Phase*100h) or (00BAh)	Power Calibration Register + 10			W	
		(Phase*100h) or (00A1h)	Power Calibration Register - 1			W	
		(Phase*100h) or (00AAh)	Power Calibration Register - 10			W	

TRL-8nn ADDRESS TABLE			Function 05 Write; Function 05 Presetting								
Name	Address	Range	Explain	initial	Unit	Read/Write				Note	
RST_ALL_EN	0	0000h	All Energy Register Reset			W					

TRL-8nn ADDRESS TABLE			Function 16 Write; Function 16 Presetting								
Name	Address	Range	Explain	initial	Unit	Read/Write				Note	
	0	0000h				W					