

Modbus
Copper Theft Controller Configuration Properties

Modbus Object Type: Holding Registers

Name	Default	Min	Max	Units	Modbus Reg #	Multiplier	Focus Screen	Modbus Notes
Device Type	11	11	11	None	1	1	Device	(Not writable) 11=Copper Theft Controller
Device Soft Ver	7.1	0	655.35	None	2	100	Device	(Not writable)
Device Hard Ver	2	0	0	None	3	10	Device	(Not writable) 2.0=C1000 / 2.1=VC1000LT
Net Baud	3	0	5	None	4	1	COM Ports	0=9600 / 1=19200 / 2=38400 / 3=57600 / 4=76800 / 5=115200
Net Parity	0	0	2	None	5	1	COM Ports	0=NONE / 1=ODD / 2=EVEN
Net StopBits	0	0	1	None	6	1	COM Ports	0=1 Stop Bit / 1=2 Stop Bits
RJ45 Baud	3	0	5	None	7	1	COM Ports	0=9600 / 1=19200 / 2=38400 / 3=57600 / 4=76800 / 5=115200
RJ45 Parity	0	0	2	None	8	1	COM Ports	0=NONE / 1=ODD / 2=EVEN
RJ45 StopBits	0	0	1	None	9	1	COM Ports	0=1 Stop Bit / 1=2 Stop Bits
Location	0	0	65535	None	10	1	Device	Each reg holds 2 chars -- 16 chars max -- 8 regs (Regs 10-17)
Refrigerant Alarm Delay	60	0	600	sec	18	1	Delays	
Power Alarm Delay	60	0	600	sec	19	1	Delays	
Refrigerant Pressure Setpoint - 1st Unit	35	0	500	PSIG	20	10	Refrigerant	
Number of AC Units monitored	0	0	1	None	21	1	Refrigerant	0=1 A/C Unit / 1=2 A/C Units
Refrigerant Pressure Setpoint - 2nd Unit	35	0	500	PSIG	22	10	Refrigerant	
Press Range - 1st Unit	1	0	1	None	23	1	Refrigerant	
Press Range - 2nd Unit	1	0	1	None	24	1	Refrigerant	
Unit 1 Name	0	0	65535	None	25	1	Refrigerant	Each reg holds 2 chars -- 16 chars max -- 8 regs (Regs 25-32)
Unit 2 Name	0	0	65535	None	33	1	Refrigerant	Each reg holds 2 chars -- 16 chars max -- 8 regs (Regs 33-40)

Siren Delay	0	0	30000	sec	41	1	Delays	0=Never silence the alarm
Pressure Offset - 1st Unit	0	-500	500	PSIG	42	10	Refrigerant	
Pressure Offset - 2nd Unit	0	-500	500	PSIG	43	10	Refrigerant	
Alarm Override	255	0	255	None	75	1	Visualisation	0=OFF / 1=ON / ELSE=AUTO
Reset	0	0	1	None	100	1	Device	Set to 1 to cause a reset
Reprogram	0	0	1	None	101	1	Device	Set to 255 to enter reprogram mode (Warning: Irreversible action - Reserved for ProLon Focus software)
Locked Address	0	0	127	None	140	1	Device	Saved address (overrides physical dipswitch address). Set to 0 to return to physical address.

Modbus
Copper Theft Controller Network Variable Outputs

Modbus Object Type: Input Registers

Name	Units	Modbus Reg #	Mult	Modbus Notes
Refrigerant Pressure Alarm	None	1	1	0=OFF / 1=ON
Power Status Alarm	None	2	1	0=OFF / 1=ON
Service Switch Status	None	3	1	0=No Service (Alarms Enabled) / 1=In Service (Alarms Disabled)
Overall Alarm Status	None	4	1	0=OFF / 1=ON
Refrigerant Pressure - 1st Unit	PSIG	5	10	
Refrigerant Pressure - 2nd Unit	PSIG	6	10	
Siren Status	None	7	1	0=OFF / 1=ON