

TC-Pro483xxx Modbus Address Table for Timer (1/3)

(Supported Modbus Code: 03/04)

Address	Description			R/W	Note
	Timer	Dual Timer	2-Stage Timer		
40001	FUNC:TIM	FUNC:TWIM	FUNC:PST	R/W	0x00:TIM 0x01:TWIM 0x02:PST
40002	TIMR:Time Range	OFTR:OFF Time Range	TIMR:Time Range	R/W	0x00:----. -s 0x01:-----. -s 0x02:----- s 0x03:----:--ms 0x04:-----.-m 0x05:----- m 0x06:----:--hm 0x07:-----.-h 0x08----- h 0x09:---. ---s
40003		ONTR:ON Time Range		R/W	0x00:----. -s 0x01:-----. -s 0x02:----- s 0x03:----:--ms 0x04:-----.-m 0x05:----- m 0x06:----:--hm 0x07:-----.-h 0x08----- h 0x09:---. ---s
40004	TIMM:Timer Mode	TIMM:Timer Mode	TIMM:Timer Mode Note:Only Support UP	R/W	0x00:UP 0x01:DOWN
40005	OUTM:Output Mode			R/W	0x01:A 0x01:A-1 0x02:A-2 0x03:A-3 0x04:b 0x05:b-1 0x06:d 0x07:E 0x08:F 0x09:Z 0x0A:S
40006		TOTM:Dual Timer Output		R/W	0x00:TOFF 0x01:TON

		Mode			0x02:TOF1	0x03:TON1
40007			OUTM:Output Mode	R/W	0x00:A	0x01:F-1

TC-Pro483xxx Modbus Address Table for Timer (2/3)

Address	Description			R/W	Note
	Timer	Dual Timer	2-Stage Timer		
40008	OTIM:Output Time			R/W	Range:0-999.999 (If the output time is set to 0000.00s, hold is displayed and the output is held.) Note:One-shot output can be used only if the selected output mode A, A-1, A-2, A-3, b, b-1, S Address=40008(low), Address=40009(high)
40010	IFLT:Input signal width	IFLT:Input signal width	IFLT:Input signal width	R/W	0x00:20ms 0x01:1ms
40011	IMOD:NPN/PNP Input Mode	IMOD:NPN/PNP Input Mode	IMOD:NPN/PNP Input Mode	R/W	0x00:NPN 0x01:PNP
40012		SET:Forecast/ Absolute		R/W	0x00:OFST 0x01:ABS
40013	SL-H:Set Upper Limit	SL1H: : Set Dual Timer OFF Upper Limit	SL-H:Set Upper Limit	R/W	Range:000001~999999 If time range is ----:--ms or ----:--hm Upper limit is 999959 Address=40013 (low) , Address=40014(high)
40015		SL2H:Set Dual Timer ON Upper Limit	PL-H:Forecast Upper limit	R/W	Range:000001~999999 If time range is ----:--ms or ----:--hm Upper limit is 999959 Address=40015(low) , Address=40016(high)
40017	KYPT:Key protect level	KYPT:Key protect level	KYPT:Key protect level	R/W	0x00:KP-1 0x01:KP-2

					0x02:KP-3 0x04:KP-5 0x06:KP-7	0x03:KP-4 0x05:KP-6
40018	Set value	OFF set value	OFST:OFF set value ABS:Set value is 1	R/W	Range:1-999999 If time range is ----:--ms or ----:--hm Upper limit is 999959 Address=40018(low), Address=40019(high)	

TC-Pro483xxx Modbus Address Table for Timer (3/3)

Address	Description			R/W	Note
	Timer	Dual Timer	2-Stage Timer		
40020		ON setting value	OFST: forecast set value ABS:set value is 2	R/W	Range:1~999999 If time range is ----:--ms or ----:--hm Upper limit is 999959 Address=40020(low), Address=40021(high)
40022	Z Mode ON duty (%) set value.			R/W	Range:0~100 Address=40022(low), Address=40023(high)
40024	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	R/W	Range:0~999999 Address=40024(low), Address=40025(high)
40026	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	R/W	Range:0~999999 Address=40026(low), Address=40027(high)
40028	ON1C:OUT1 Count value	ON1C:OUT1 Count value	ON1C:OUT1 Count value	R	Range:0~999999 Address=40028(low), Address=40029(high)
40030	ON2C:OUT2 Count value	ON2C:OUT2 Count value	ON2C:OUT2 Count value	R	Range:0~999999 Address=40030(low), Address=40031(high)
40032	Count value	Count value	Count value	R	Range:0~999999 Address=40032(low), Address=40033(high)
40034	Z mode:			R	Range:0~999999

	ON duty (%) Timer				Address=40034(low), Address=40035(high)
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TC-Pro483xxx Modbus Address Table for Counter (1/6)

(Supported Modbus Code: 03/04)

Address	Description			R/W	Note	
	1-Stage Counter	2-Stage Counter	Total Counter			
40001	FUNC:1CNT	FUNC:2CNT	FUNC:TCNT	R/W	0x03:1CNT 0x05:TCNT 0x07:DCNT	0x04:2CNT 0x06:BCNT 0x08:TWN
40002	CNTM:Output Mode	CNTM:Output Mode	CNTM:Output Mode	R/W	0x00:UP 0x02:UD-A 0x04:UD-C	0x01:DOWN 0x03:UD-B
40003						
40004	OUTM:Output Mode	OUTM:Output Mode	OUTM:Output Mode	R/W	0x00:N 0x02:C 0x04:K-1 0x06:Q 0x08:K-2 0x0A:L	0x01:F 0x03:R 0x05:P 0x07:A 0x09:D 0x0B:H
40005	OTIM:One-shot output	OTM2:One-shot output 2	OTM2:One-shot output 2	R/W	Range:1~999999(Display 0.001s~999.999s) Note:Beside N, F, D, L, H Address=40005(low), Address=40006(high)	
40007		OTM1:One-shot output 1	OTM1:One-shot output 1	R/W	Range:0~999999(Display HOLD~999.999s) Note : Beside D, L, H Address=40007(low), Address=40008(high)	
40009	CNTS : Counting speed	CNTS : Counting speed	CNTS : Counting speed	R/W	0x00 : 30Hz 0x02 : 5KHz	0x01 : 1KHz 0x03 : 10KHz

TC-Pro483xxx Modbus Address Table for Counter (2/6)

Address	Description			R/W	Note
	1-Stage Counter	2-Stage Counter	Total Counter		
40010	IFLT:Input signal width	IFLT:Input signal width	IFLT:Input signal width	R/W	0x00:20ms 0x01:1ms
40011	DP: Decimal point position	DP: Decimal point position	DP: Decimal point position	R/W	0x00:----- 0x01:-----.- 0x02:----.- 0x03:---.---
40012	PSCL: Prescale value	PSCL: Prescale value	PSCL: Prescale value	R/W	Range:1~999999(Display0.001~999.999) Address=40012(low), Address=40013(high)
40014	IMOD:NPN/PNP Input Mode	IMOD:NPN/PNP Input Mode	IMOD:NPN/PNP Input Mode	R/W	0x00:NPN 0x01:PNP
40015		SETM : Forecast/ Absolute		R/W	0x00:ABS 0x01:OFST
40016	SL-H:Set Upper Limit	SL-H:Set Upper Limit	SL-H:Set Upper Limit	R/W	Range:000001~999999 Address=40016(low), Address=40017(high)
40018		PL-H: Set Forecast/ Absolute Upper Limit	TL-H:Set Total Upper Limit	R/W	Range:000001~999999 Address=40018(low), Address=40019(high)
40020	KYPT : Key protect level	KYPT : Key protect level	KYPT : Key protect level	R/W	0x00:KP-1 0x01:KP-2 0x02:KP-3 0x03:KP-4 0x04:KP-5 0x05:KP-6 0x06:KP-7
40021	Set value	Set value 2	Set value	R/W	Range:0~999999 Address=40021(low), Address=40022(high)
40023		Set value 1	Total Counter Set value	R/W	Range:0~999999 Address=40023(low), Address=40024(high)

TC-Pro483xxx Modbus Address Table for Counter (3/6)

Address	Description			R/W	Note
	1-Stage Counter	2-Stage Counter	Total Counter		
40025	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	R/W	Range:0~999999 Address=40025(low), Address=40026(high)
40027	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	R/W	Range:0~999999 Address=40027(low), Address=40028(high)
40029	ON1C:OUT1 Count value	ON1C:OUT1 Count value	ON1C:OUT1 Count value	R	Range:0~999999 Address=40029(low), Address=40030(high)
40031	ON2C:OUT2 Count value	ON2C:OUT2 Count value	ON2C:OUT2 Count value	R	Range:0~999999 Address=40031(low), Address=40032(high)
40033			Total Counter value	R	Range:0~999999 Address=40033(low), Address=40034(high)
40035	Count value	Count value	Count value	R	Range:0~999999 Address=40035(low), Address=40036(high)

TC-Pro483xxx Modbus Address Table for Counter (4/6)

(Supported Modbus Code: 03/04)

Address	Description			R/W	Note	
	Batch Counter	Dual Counter	Twin Counter			
40001	FUNC:BCNT	FUNC:DCNT	FUNC:TWN	R/W	0x03:1CNT 0x05:TCNT 0x07:DCNT	0x04:2CNT 0x06:BCNT 0x08:TWN
40002	CNTM: Output Mode			R/W	0x00:UP 0x02:UD-A 0x04:UD-C	0x01:DOWN 0x03:UD-B

40003		CALM: Dual count calculating mode		R/W	0x00: ADD 0x01: SUB
40004	OUTM: Output Mode	OUTM: Output Mode	OUTM: Output Mode	R/W	0x00: N 0x01: F 0x02: C 0x03: R 0x04: K-1 0x05: P 0x06: Q 0x07: A 0x08: K-2 0x09: D 0x0A: L 0x0B: H
40005	OTM2: One-shot output 2	OTIM: One-shot output	OTM2: One-shot output 2	R/W	Display: 1~999999(Display 0.001s~999.999s) Note: Beside N, F, D, L, H Address=40005(low), Address=40006(high)
40007	OTM1: One-shot output 1		OTM1: One-shot output 1	R/W	Range: 0~999999(Display HOLD~999.999s) Note: Beside D, L, H Address=40007(low), Address=40008(high)
40009	CNTS: Counting speed	CNTS: Counting speed	CNTS: Counting speed	R/W	0x00: 30Hz 0x01: 1KHz 0x02: 5KHz 0x03: 10KHz

TC-Pro483xxx Modbus Address Table for Counter (5/6)

Address	Description			R/W	Note
	Batch Counter	Dual Counter	Twin Counter		
40010	IFLT: Input signal width	IFLT: Input signal width	IFLT: Input signal width	R/W	0x00: 20ms 0x01: 1ms
40011	DP: Decimal point position	DP: Decimal point position	DP: Decimal point position	R/W	0x00: ----- 0x01: -----. 0x02: -----. 0x03: ----.
40012	PSCL: Prescale value	PSCL: Prescale value	PSCL: Prescale value	R/W	Range: 1~999999(Display 0.001~999.999) Address=40012(low), Address=40013(high)
40014	IMOD: NPN/PNP Input mode	IMOD: NPN/PNP Input mode	IMOD: NPN/PNP Input mode	R/W	0x00: NPN 0x01: PNP

40015		SETM : Forecast/ Absolute		R/W	0x00:ABS 0x01:OFST
40016	SL-H:Set Upper Limit	SL-H:Set Upper Limit	SL-H:Set Upper Limit	R/W	Range:000001~999999 Address=40016(low), Address=40017(high)
40018	BL-H:Set Total Upper Limit		PL-H:Set Counter 2 Upper Limit	R/W	Range:000001~999999 Address=40018(low), Address=40019(high)
40020	KYPT : Key protect level	KYPT : Key protect level	KYPT : Key protect level	R/W	0x00:KP-1 0x01:KP-2 0x02:KP-3 0x03:KP-4 0x04:KP-5 0x05:KP-6 0x06:KP-7
40021	Set value	Dual Counter set value	Counter 1 set value	R/W	Range:0~999999 Address=40021(low), Address=40022(high)
40023	Batch Counter set value		Counter 2 set value	R/W	Range:0~999999 Address=40023(low), Address=40024(high)

TC-Pro483xxx Modbus Address Table for Counter (6/6)

Address	Description			R/W	Note
	Batch Counter	Dual Counter	Twin Counter		
40025	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	ON1A:OUT1 Alarm value	R/W	Range:0~999999 Address=40025(low), Address=40026(high)
40027	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	ON2A:OUT2 Alarm value	R/W	Range:0~999999 Address=40027(low), Address=40028(high)
40029	ON1C:OUT1 Count value	ON1C:OUT1 Count value	ON1C:OUT1 Count value	R	Range:0~999999 Address=40029(low), Address=40030(high)
40031	ON2C:OUT2 Count value	ON2C:OUT2 Count value	ON2C:OUT2 Count value	R	Range:0~999999 Address=40031(low), Address=40032(high)

40033	Batch counter value	CP2 Display value	Counter 2 display value	R	Range:0~999999 Address=40033(low), Address=40034(high)
40035	Display value	CP1 display value	Counter 1 display value	R	Range:0~999999 Address=40035(low), Address=40036(high)

TC-Pro483xxx Modbus Address Table for TACO (1/3)

(Supported Modbus Code: 03/04)

Address	Description	R/W	Note
40001	FUNC:TOCA	R/W	0x09:TACO
40002	TINM:Tachometer Input Mode	R/W	0x00:F1 0x01:F2 0x02:F3 0x03:F4 0x04:F5
40003	TOTM:Tachometer Output Mode	R/W	0x00:HILO 0x01:AREA 0x02:HIHI 0x03:LOLO
40004	TO1M:Tachometer Output Mode 1 (Only for input mode F2)	R/W	0x00:HI 0x01:LO
40005	TO2M:Tachometer Output Mode 2 (Only for input mode F2)	R/W	0x00:HI 0x01:LO
40006	AUGT: Average processing Mode	R/W	0x00:SMP 0x01:MU
40007	AUGN: Average processing value	R/W	0x00:OFF 0x01:2 0x02:4 0x03:8 0x04:16
40008	AUTZO: Auto-zero time	R/W	Range:1~9999(Unit:0.1s) Address=40008(low), Address=40009(high)
40010	STMR: Startup time	R/W	Range:0~999(Unit:0.1s) Address=40010(low), Address=40011(high)
40012	CNTS: Counting Speed	R/W	0x00:30Hz 0x01:1KHz 0x02:5KHz 0x03:10KHz

40013	DP: Decimal point position	R/W	0x00:----- 0x01:-----.- 0x02:-----.- 0x03:----.- 0x04:---.-----
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TC-Pro483xxx Modbus Address Table for TACO (2/3)

Address	Description	R/W	Note
40014	PSCL: Prescale value	R/W	Range:0.001 ~ 99.999 Address=40014(low), Address=40015(high)
40016	IMOD:NPN/PNP Input Mode	R/W	0x00:NPN 0x01:PNP
40017	DHLD: Peak/Bottom hold function	R/W	0x00:OFF 0x01:ON
40018	SL-H: Limit set value range	R/W	Range:0 ~ 999999 Address=40018(low), Address=40019(high)
40020	HYS: Output hysteresis	R/W	Range:0 ~ 99999 Address=40020(low), Address=40021(high)
40022	OFFD: Output Signal Off Delay	R/W	Range:0 ~ 1999(Unit:0.01s) Address=40022(low), Address=40023(high)
40024	KYPT: Key protect level	R/W	0x00:KP-1 0x01:KP-2 0x02:KP-3 0x03:KP-4 0x04:KP-5 0x05:KP-6 0x06:KP-7
40025	CALM: Phase/Wide	R/W	0x00:PHAS 0x01:WIDE
40026	UNIT: Display Unit	R/W	0x00:Hz 0x01:S
40027	INTV: Screen display speed	R/W	0x00:200ms 0x01:Cont
40028	Tachometer set value 1	R/W	Range:0~999999 Address=40028(low), Address=40029(high)

40030	Tachometer set value 2	R/W	Range:0~999999 Address=40030(low), Address=40031(high)
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TC-Pro483xxx Modbus Address Table for TACO (3/3)

40032	ON1A:OUT1 Alarm value	R/W	Range:0~999999 Address=40032(low), Address=40033(high)
40034	ON2A:OUT2 Alarm value	R/W	Range:0~999999 Address=40034(low), Address=40035(high)
40036	ON1C:OUT1 Count value	R	Range:0~999999 Address=40036(low), Address=40037(high)
40038	ON2C:OUT2 Count value	R	Range:0~999999 Address=40038(low), Address=40039(high)
40040	Tachometer Display value 1	R	Range:0~999999 Address=40040(low), Address=40041(high)
40042	Tachometer Display value 2	R	Range:0~999999 Address=40042(low), Address=40043(high)
40044	Peak Display value 1	R	Range:0~999999 Address=40044(low), Address=40045(high)
40046	Bottom Display value 1	R	Range:0~999999 Address=40046(low), Address=40047(high)
40048	Peak Display value 2	R	Range:0~999999 Address=40048(low), Address=40049(high)
40050	Bottom Display value 2	R	Rnge:0~999999 Address=40050(low), Address=40051(high)

TC-Pro483xxx Modbus Address Table for MIW (1/3)

(Supported Modbus Code: 03/04)

Address	Description	R/W	Note
40001	FUNC:MIW	R/W	0x0A:MIW
40002	T TIMR:Timer Time Range	R/W	0x00:----, --s 0x01:-----, --s 0x02:----- s 0x03:----:--ms 0x04:-----, -m 0x05:----- m 0x06:----:--hm 0x07:-----, -h 0x08:----- h 0x09:---, ---s
40003	T TIMM:Timer Timer Mode	R/W	0X00:UP 0X01:DOWN
40004	T OUTM:Timer Output Mode	R/W	0x01:A 0x01:A-1 0x02:A-2 0x03:A-3 0x04:b 0x05:b-1 0x06:d 0x07:E 0x08:F
40005	C CNTM: Counter Input Mode	R/W	0x00:UP 0x01:DOWN 0x02:UD-A 0x03:UD-B 0x04:UD-C
40006	C OUTM: Counter Output Mode	R/W	0x00:N 0x01:F 0x02:C 0x03:R 0x04:K-1 0x05:P 0x06:Q 0x07:A
40007	C OTIM: Counter One-shot output (L)(H)	R/W	Range:0~999.999(0 for HOLD) Note: For only A, A-1, A-2, A-3, b, b-1 Address=40007(low), Address=40008(high)

TC-Pro483xxx Modbus Address Table for MIW (2/3)

Address	Description	R/W	Note
40009	T OTIM: Timer One-shot output (L)(H)	R/W	Range:0~999999(Dispaly HOLD~999.999s) Address=40009(low), Address=40010(high)
40011	C CNTS: Counter Count Speed	R/W	0x00:30Hz 0x01:1KHz 0x02:5KHz 0x03:10KHz
40012	IFLT: Input signal width	R/W	0x00:20ms 0x01:1ms
40013	C DP: Counter Decimal point position	R/W	0x00:----- 0x01:-----.- 0x02:----.- 0x03:---.-
40014	C PSCL: Counter Prescale value (L)(H)	R/W	Range:1~999999(Dispaly 0.001~999.999) Address=40014(low), Address=40015(high)
40016	IMOD: NPN/PNP Input Mode	R/W	0x00:NPN 0x01:PNP
40017	PCFG: Set PIN funtion	R/W	0x00:GATE 0x01:CP2 0x02:RET2
40018	T SL-H: Timer Set Upper value	R/W	Range: 000001~999999 If the time range is ----:--ms or ----:--hm Upper range is 999959 Address=40018(low), Address=40019(high)
40020	C SL-H: Counter Set Upper value	R/W	Range:000001~999999 Address=40020(low), Address=40021(high)
40022	RESET:RESET Trig Mode	R/W	0x00:ALONE 0x01:SHARE
40023	KYPE: Key protect level	R/W	0x00:KP-1 0x01:KP-2 0x02:KP-3 0x03:KP-4 0x04:KP-5 0x05:KP-6 0x06:KP-7

TC-Pro483xxx Modbus Address Table for MIW (3/3)

Address	Description	R/W	Note
40024	Counter Set value	R/W	Range: 000001~999999 If time range is ----:--ms or ----:--hm Upper range is 999959 Address=40024(low), Address=40025(high)
40026	Timer Set value	R/W	Range:0~999999 Address=40026(low), Address=40027(high)
40028	ON1A:OUT1 Alarm value	R/W	Range:0~999999 Address=40025(low), Address=40026(high)
40030	ON2A:OUT2 Alarm value	R/W	Range:0~999999 Address=40027(low), Address=40028(high)
40032	ON1C:OUT1 Count value	R	Range:0~999999 Address=40029(low), Address=40030(high)
40034	ON2C:OUT2 Count value	R	Range:0~999999 Address=40031(low), Address=40032(high)
40036	Timer Display value	R	Range: 000001~999999 If time range is ----:--ms or ----:--hm Upper range is 999959 Address=40024(low), Address=40025(high)
40038	Counter Display value	R	Range:0~999999 Address=40026(low), Address=40027(high)

TC-Pro483xxx Modbus Address Table for System

(Supported Modbus Code: 03/04)

Address	Description	R/W	Note	
40211	Module Name 1	R	TC-Pro483	Ex:0x0483
40212	Module Name 2	R	0x0000	
40213	Firmware Version 1	R	A1.00	Ex:0xA100
40214	Firmware Version 2	R	0x0000	
40300	UART Device address	R	範圍：0~FF	
40301	UART Protocol	R	0x00：RTU	0x01：ASCII
40302	UART Baudrate	R	0x00：1200 0x02：4800 0x04：19200 0x06：57600	0x01：2400 0x03：9600 0x05：38400 0x07：115200
40303	UART Parity	R	0x00：None 0x03：Even	0x01：Odd
40304	UART Data bit	R	0x00：7-bit	0x01：8-bit
40305	UART Stop bit	R	0x00：1-bit	0x01：2-bit
40306	UART Write	R	0x00：ON	0x01：OFF