				TR42CMx-	Software Ver	sions (3 05)								
	TR42CMx - MODBUS MEMORY MAP													
Add (Hex)	MODBUS REG. ADD (Dec)	Size	Description	Unit	Min	Step 1	Level 1	Step 2	Level 2	Step 3	Max	Initial Value	Format	Read/ Write
0000	300001	1 W	Product Code									42,00	2	R
0001	300002	1 W	Product Model									1,00	1	R
0002	300003	1 W	Version Number									3,05	6	R
0003	300004	77 W	Reserved											
0050	300081	1 W	Command Operation Code										4200	W
0051	300082	1 W	Command Password										2	W
0052	300083	174 W	Reserved											
0100	300257	1 W	L1 Value	°C	0	1					219	135,00	1	R/W
0101	300258	1 W	L2 Value	°C	1	1					220	150,00	1	R/W
0102	300259	1 W	FAN Low Value	°C	0	1					219	100,00	1	R/W
0103	300260	1 W	FAN High Value	°C	1	1					220	110,00	1	R/W
0104	300261	1 W	RTD Connected		1	1					4	3,00	2	R/W
0105	300262	1 W	FAN Activation		0	1					1	1,00	4230	R/W
0106	300263	1 W	RTD For Command FAN		0	1					4	2,00	4250	R/W
0107	300264	1 W	Weekly Automatic On FAN		0	1					1	0,00	4230	R/W
0108	400265	1 W	Slave Address		1	1					247	1,00	2	R/W
0109	400266	1 W	Com (RS-485) Baud Rate		3	1					7	3,00	6409	R/W
010A	400267	1 W	Com (RS-485) Configuration		2	1					7	2,00	6414	R/W
010B	400268	1 W	Password Request for Setpoint Modification		0	1					1	0,00	4230	R/W
010C	400269	244 W	Reserved											
0200	300513	1 W	RTD Input 1	°C	-10	0,1					240		3	R
0201	300514	1 W	RTD Input 2	°C	-10	0,1					240		3	R
0202	300515	1 W	RTD Input 3	°C	-10	0,1					240		3	R
0203	300516	1 W	RTD Input 4	°C	-10	0,1					240		3	R
0204	300517	1 W	Maximum RTD Input 1	°C	0	1					240		1	R
0205	300518	1 W	Maximum RTD Input 2	°C	0	1					240		1	R
0206	300519	1 W	Maximum RTD Input 3	°C	0	1					240		1	R
0207	300520	1 W	Maximum RTD Input 4	°C	0	1					240		1	R
0208	300521	6 W	Reserved											
020E	300527	1 W	Relay Status	BitField									4211	R
020F	300528	1 W	General Status	BitField									4221	R

0

0

1

1

4241

4242

1

1

0

R

R

0210

0211

0223 *0224*

300529

300530

300548

300549

1 W

18 W

1 W

40 W

Only Local / Local+Remote Control

Reserved

User Logged

Reserved

TR42CMx - FORMATS							
Format							
Code	Туре	Value	Definition				
F1	Integer		Signed Integer Value				
			Example: -123 saved as -123				
F2	Integer		Unsigned Integer Value				
	integer		Example: 123 saved as 123				
			·				
F3	Integer		Signed Integer Value with 1 decimals				
-			Example: -1.0 saved as 10				
F4	Integer		Unsigned Integer Value with 1 decimals				
	integer		Example: 1.0 saved as 10				
F5	Integer		Signed Integer Value with 2 decimals				
			Example: -1.00 saved as -100				
F6	Integer		Unsigned Integer Value with 2 decimals				
			Example: 1.00 saved as 100				
F4211	16 Bits BitMap		Output Relay Status Bits				
		Bit 0	L1				
		Bit 1	L2				
		Bit 2	FAULT				
		Bit 3	FAN				
F4221	16 Bits BitMap	Bit 4 ~ Bit 15	Not Used General Status Bits				
1-4221	10 Bits Bitiviap	Bit 0	L1 Active				
		Bit 1	L2 Active				
		Bit 2	FAN Active				
		Bit 3	FAULT Active				
		Bit 4 Bit 5	FAN WEEKLY Active				
		Bit 6 ~ Bit 7	FAN MANUAL FUNCTION Active Not Used				
		Bit 8	INPUT RTD 1 Failure - Fco				
		Bit 9	INPUT RTD 2 Failure - Fco				
		Bit 10	INPUT RTD 3 Failure - Fco				
		Bit 11	INPUT RTD 4 Failure - Fco				
	 	Bit 12 Bit 13	INPUT RTD 1 Failure - Fcc INPUT RTD 2 Failure - Fcc				
		Bit 14	INPUT RTD 3 Failure - Fcc				
		Bit 15	INPUT RTD 4 Failure - Fcc				
			FAN Activation Format				
F4230	Integer		FAN Weekly Activation Format				
		0	Password Request for Setpoint Modification Format DISABLED				
		1	ENABLED				
F4241	Integer	·	Only Local / Local+Remote Control				
		0	Local Only				
F 10.15		1	Remote + Local				
F4242	Integer	0	User Status				
		1	Not Logged Logged				
F4250	Integer		RTD for command Fan Format				
		0	1				
		1	12				
		2 3	1 2 3 - 1 2 3 4				
		4	4				
F6409	String		BaudRate Value				
		3	9600 Bps				
		4	19200 Bps				
		5	38400 Bps				
	+	6 7	57600 Bps 115200 Bps				
F6414	Integer	1	RS Port Configuration				
		2	8N1 (8 bits Data, Parity NONE, 1 bit Stop)				
		3	8N2 (8 bits Data, Parity NONE, 2 bit Stop)				
		4	8E1 (8 bits Data, Parity EVEN, 1 bit Stop)				
		5	8E2 (8 bits Data, Parity EVEN, 2 bit Stop)				
-	+	7	8O1 (8 bits Data, Parity ODD, 1 bit Stop) 8O2 (8 bits Data, Parity ODD, 1 bit Stop)				
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TR42CMx - COMMANDS									
VALUE	DESCRIPTION	LEVEL PSW	PRESET	NOTE					
0	No commands	-							
16	Maximum Temperature CLEAR	user							