				TR42ADx -	Software Ve	ersions (3.05)							
			TR42	ADx - M	ODBUS		RY MAP							
Add (Hex)	MODBU S 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									4,00	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	20 W	Reserved											
0120	400289	1 W	Buzzer Activation		0	1					2	0,00	4245	R/W
0121	400290	1 W	Output 4-20mA Channel		0	1					5	0,00	4246	R/W
0122	400291	1 W	Output 4-20mA Load		0	1					4	0,00	4247	R/W
0123	400292	221 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
0200	300517	1 W	Maximum RTD Input 1	°C	0	1					240		1	R
0204	300518	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
			· · · · · · · · · · · · · · · · · · ·	-	-						-			
0207	300520	1 W	Maximum RTD Input 4	°C	0	1					240		1	R
0208	300521	6 W	Reserved										40.1.1	<u> </u>
020E	300527	1 W	Relay Status	BitField									4211	R
020F	300528	1 W	General Status	BitField									4222	R
0210	300529	1 W	Only Local / Local+Remote Control		0	1					1		4241	R
0211	300530	18 W	Reserved											
0223	300548	1 W	User Logged		0	1					1	0	4242	R
0224	300549	29 W	Reserved											
0241	300578	1 W	4mA Calibration Correction Factor		800	1					1200	1000,00	2	R
0242	300579	1 W	20mA Calibration Correction Factor		800	1					1200	1000,00	2	R
0243	300580	9 W	Reserved											<u> </u>

		TR42/	ADx - FORMATS
Format			
Code	Туре	Value	Definition
F1	Integer		Signed Integer Value Example: -123 saved as -123
			Example 125 Saved as - 125
F2	Integer		Unsigned Integer Value
			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
17	Integer		Example: 1.0 saved as 10
F5	Integer		Signed Integer Value with 2 decimals
			Example: -1.00 saved as -100
50	lute nen		
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 Bit 4 ~ Bit 15	FAN Not Used
F4222	16 Bits BitMap		General Status Bits
		Bit 0	L1 Active
		Bit 1	L2 Active
		Bit 2	FAN Active
		Bit 3	FAULT Active
		Bit 4 Bit 5	FAN WEEKLY Active FAN MANUAL FUNCTION Active
		Bit 5 Bit 6	BUZZER Active
		Bit 7	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	INPOT RTD 2 Failure - Fcc
		Bit 15	INPUT RTD 4 Failure - Fcc
			FAN Activation Format
F4230	Integer		FAN Weekly Activation Format
			Password Request for Setpoint Modification Format
		0	DISABLE ENABLE
F4241	Integer		Only Local / Local+Remote Control
	integer	0	Local Only
		1	Remote + Local
F4242	Integer		User Status
		0	Not Logged Logged
F4243	Integer	· · · ·	RTD Connected / RTD for command Fan Format
2.10	integer	3	123
		4	1234
F4245	Integer		Buzzer Activation Format
		0	DISABLE
		1	L1
F4246	Integer	-	L1 L2
F4246	Integer	1	L1 L2 4-20mA Output Channel Format
F4246	Integer	1 2	L1 L2 4-20mA Output Channel Format SCAN HOT
F4246	Integer	1 2 0 1 2	L1 L2 4-20mA Output Channel Format SCAN HOT PT1
F4246	Integer	1 2 0 0 1 2 3	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2
F4246	Integer	1 2 0 0 1 2 3 3 4	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3
		1 2 0 0 1 2 3	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4
F4246 F4247	Integer	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format
		1 2 0 0 1 2 3 3 4	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R
		1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R
		1 2 0 1 2 3 4 5 0 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 5 1 2 3 4 5 5 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R
F4247	Integer	1 2 0 1 2 3 4 5 0 1 2	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R
		1 2 0 1 2 3 4 5 0 1 2 3 4 5 1 2 3 4 4 5 1 2 3 4 1 2 3 4 5 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 2 3 4 5 1 1 1 2 3 4 5 1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format
F4247	Integer	1 2 0 1 2 3 4 5 0 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 1 2 3 4 5 5 1 2 3 4 5 5 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1
F4247	Integer	1 2 0 0 1 2 3 3 4 5 5 0 1 0 1 2 3 4 5 3 4 4 5 0 1 2 3 4 5 0 1 2 3 3 4 0 1 0 1 0 1 0 1 1 0 0 1 1 0 0 1 0 1	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format
F4247	Integer	1 2 0 1 2 3 4 5 0 1 2 3 4 5 0 1 2 3 4 0 1 2 3 4 0 1	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1 1 2
F4247 F4250	Integer	1 2 0 1 2 3 4 5 0 1 2 3 4 5 0 1 2 3 4 0 1 2 3 4 0 1 2 2	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4
F4247	Integer	1 2 0 1 2 3 4 5 0 1 2 3 4 5 0 1 2 3 4 0 1 2 3 4 2 3 4	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT1 PT2 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value
F4247 F4250	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps
F4247 F4250	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps
F4247 F4250	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 38400 Bps
F4247 F4250	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 19200 Bps 38400 Bps
F4247 F4250 F6409	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 19200 Bps 38400 Bps 57600 Bps 57600 Bps
F4247 F4250	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 38400 Bps 57600 Bps 115200 Bps
F4247 F4250 F6409	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 38400 Bps 57600 Bps 115200 Bps 115200 Bps 115200 Bps
F4247 F4250 F6409	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 19200 Bps 38400 Bps 57600 Bps 115200 Bps
F4247 F4250 F6409	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 200R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 38400 Bps 57600 Bps 115200 Bps 115200 Bps 115200 Bps
F4247 F4250 F6409	Integer	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	L1 L2 4-20mA Output Channel Format SCAN HOT PT1 PT1 PT2 PT3 PT4 4-20mA Output Load Format 100R 200R 300R 200R 300R 400R 500R RTD for command Fan Format 1 1 2 1 2 3 - 1 2 3 4 4 BaudRate Value 9600 Bps 19200 Bps 19200 Bps 38400 Bps 38400 Bps 57600 Bps 115200 Bps

TR42ADx - COMMANDS							
VALUE	DESCRIPTION	LEVEL PSW	PRESET	NOTE			
0	No commands	-					
16	Maximum Temperature CLEAR	user					