



MTCW

V1.1

2024.5

B 5

400-666-2163 86 0755-86600500

(+86)0755-86600999

518067

www.megmeet.com

	.....	6
1.1	.....	6
1.2	.....	7
1.3	.....	9
1.4	.....	9
	.....	11
2.1	.....	11
2.2	.....	12
	.....	16
3.1 Modbus	.....	16
3.2	.....	17
	.....	18
4.1	.....	18
4.2	.....	20
4.3	.....	20
4.4	.....	20
4.5	.....	21
4.6 PID	.....	23
4.7	.....	23
4.8 PID	.....	24
4.9	.....	24
4.10	.....	26
4.11	.....	28
4.12	.....	30
4.13	.....	31
4.14	.....	33
4.15 PV	.....	38
4.16 CT	.....	38
MTCW	.....	44

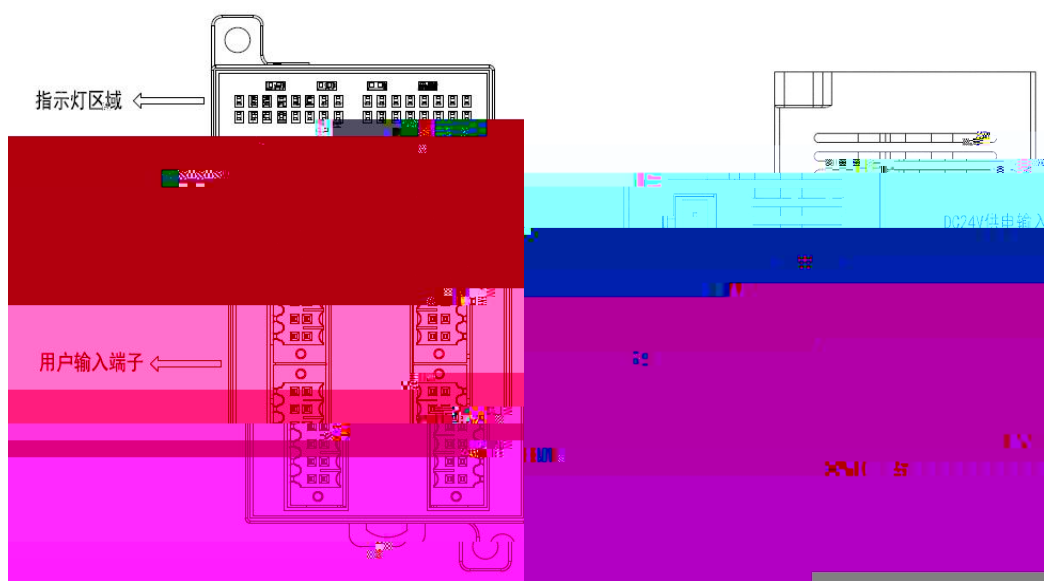
5.1	.....	44
5.2	.....	45
5.3	.....	46
5.4	.....	46
5.5	.....	47
5.6	.....	52
5.7	PID.....	53
	.....	54
6.1	.....	54
6.2	.....	54
	.....	55

MTCW

MTCW

MTCW

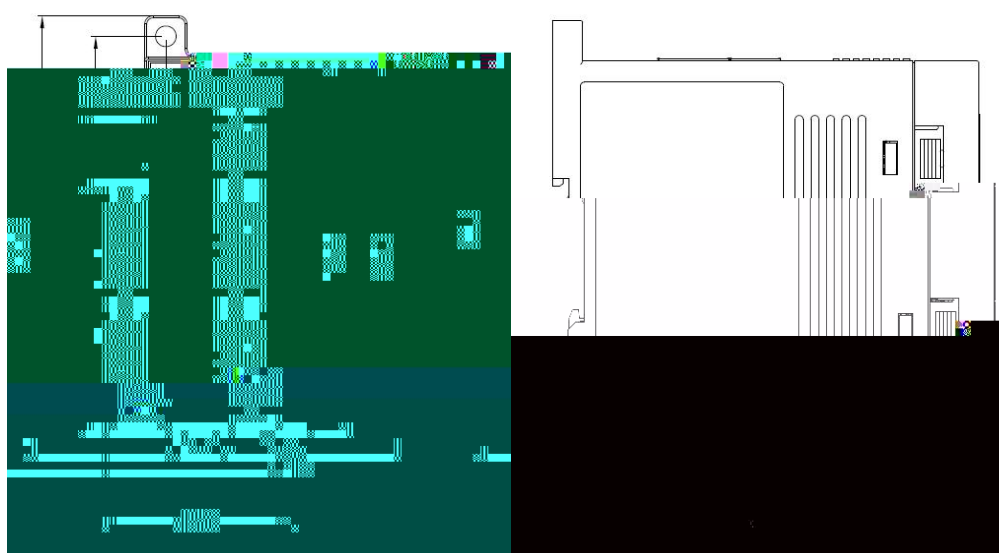
1-1



1-1 MTCW

MTCW

1-2



1-2 MTCW

mm

1-1 MTCW

24V+

24V

24V-

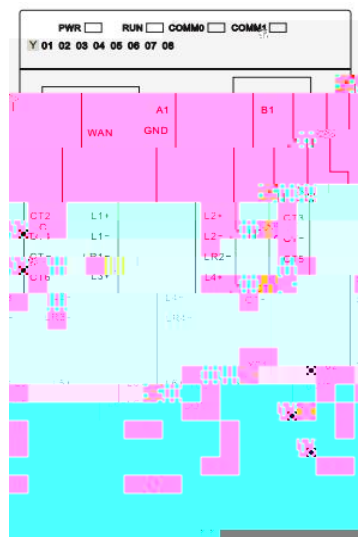
24V



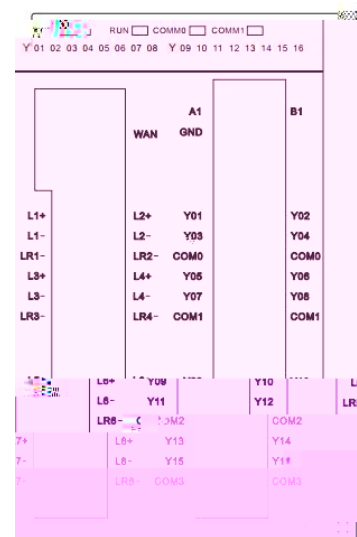
A0 B0

RS485 COM0

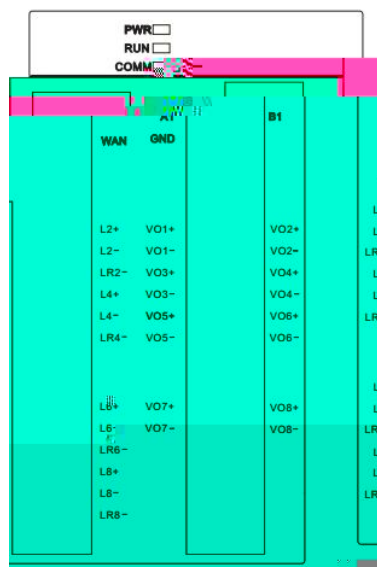
MTCW



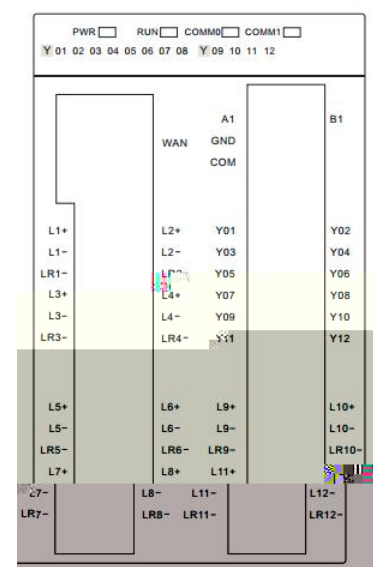
1-3 MTCW-08-CT



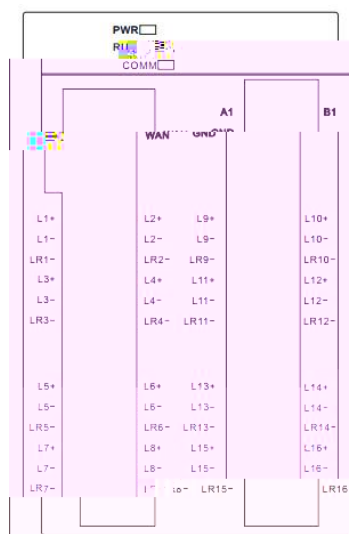
1-4 MTCW-08-NTT



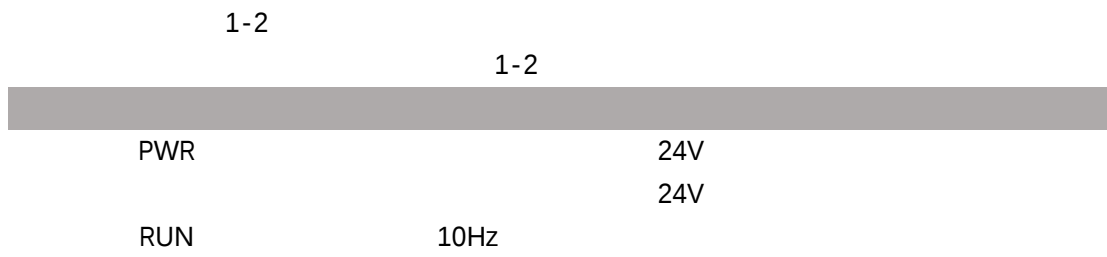
1-5 MTCW-08-NV



1-6 MTCW-12-NT



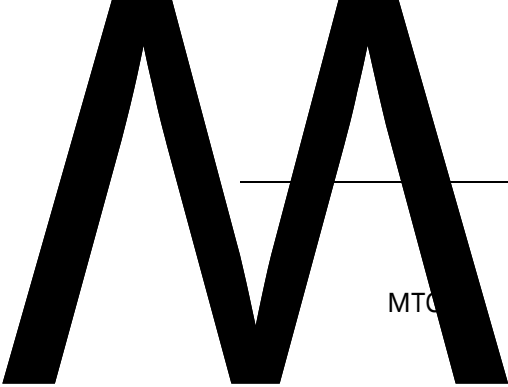
1-7 MTCW-16-NN



	N	100	1200	148	2192
	T	200	300	328	572
	R	0	1600	32	2912
	S	0	1600	32	2912
	B	400	1800	752	3272
	Pt100	150	600	238	1112
	JPt100	150	500	238	932
	Cu100	30	120	22	248
	Cu50	30	120	22	248
	Ni120	80.0	280.0	112.0	536.0
	NTC	0	150		
		± 0.3			
		± 0.5			
	NTC	± 0.5			



3.5mm	6pin	1
3.5mm	12pin	4
5.08mm	2pin	1
5.08mm	3pin	1



MTG

m

Ú v "

1 DIN

2 DIN

3 DIN

4

5 DIN

2-3

MTCW

$\phi 4$

2	RS485	Modbus		MTCW	RS485	RS485
	Modbus					



MTCW

MTCW

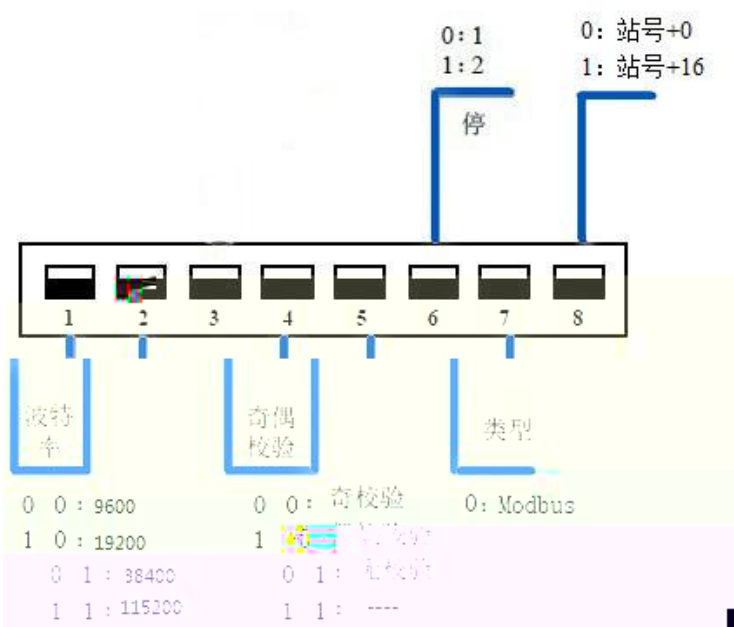
MTCW Modbus

RTU	9600	19200	38400	115200			
	3 1			50	BFM	RTU	
			3 1				-
03	BFM						
06	BFM						
16	BFM						

odbus

M

3-1



3-1

OM1

38400 1
MTCW-16-NN

MTCW-16-NN
MEVW IO

MEVW

IO

MTCW

3-2

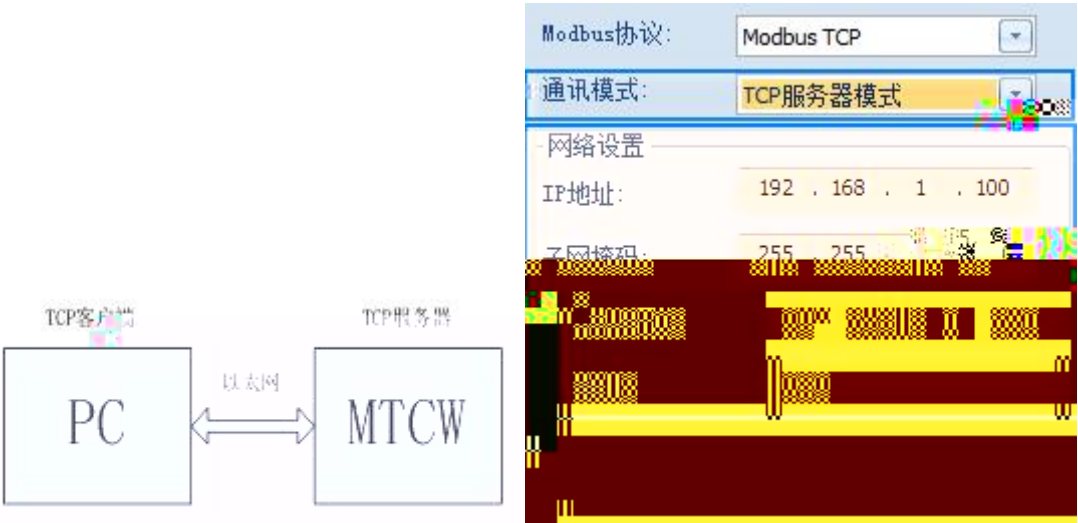


3-2

MTCW TCP

PC TCP

3-3



3-3 TCP



MTCV

MTC



4-1 MTCW

			0
	->		->
		0	1
			0

5	5	K	148.0	2192.0
6	6	J	100.0	200.0
7	7	J	100.0	400.0
8	8	J	100.0	600.0
9	9	J	148.0	752.0
10	10	J	148.0	1112.0
11	11	E	100.0	200.0

201

48	48	T	-200.0	400.0
49	49	T	-328.0	752.0
Celsius		5/9×	Fahrenheit	32

4-2 NTC

1	1	NTC3960-10K	0.0~150.0	
2	1	NTC503AP2-50K	0.0~150.0	
NTC		MTCW-08N1-NTT	10K-NTC	
NTC3960-10K				



0.1

SW,

E1000

ON ON/OFF OFF ON/OFF

ON/OFF



|

F

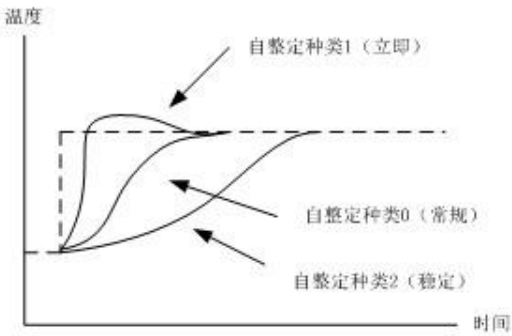
PID		PID	
	PID	PID	0 1
			1 2
			2 3
			3 4
PID		PID	
PID	PID	1	30
		1	240
		1	60
		1	30
		1	240
		1	60
		2	30
		2	240
		2	60
		2	30
		2	

PID

SPI

	PID		0
			1
			2

PID



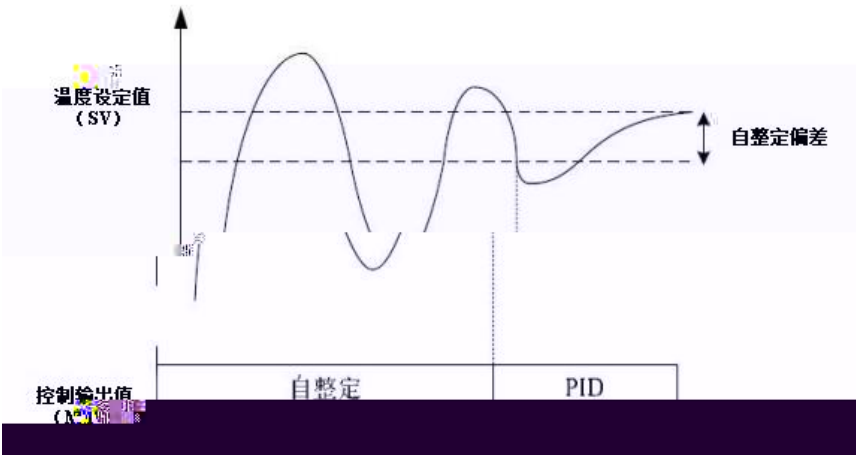
30.0

01000100.0300

MTCW

70.0

			1.K
			1000
			2
			2 PID
			-300
		()	1



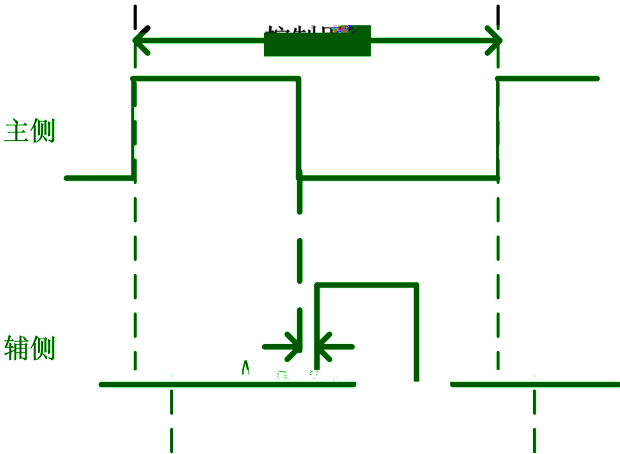
	1.	1.	1.	1.
	10	10	10	10
/				
	2	2	4	4

2341

/0

ONOFF

ON4-7A



4-7



0'8

MV

1

			10
			0
			0 MV1
			1 MV2
			
			14 MV15
			15 MV16

4-8



4-8



1~3 MV1 1.0 0.8 0.6 0.0 1.0 2.0 4



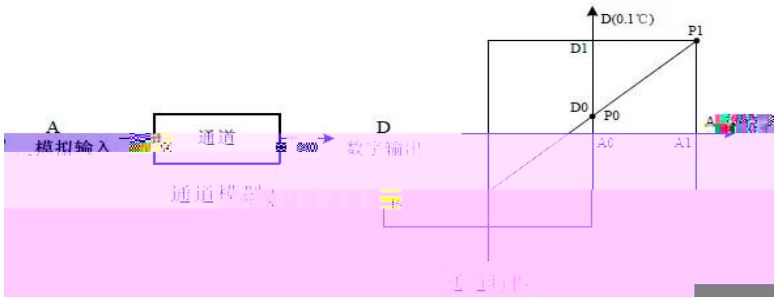
4-10

MTCW

4-5

P0 A0 D0 P1 A1 D1

D1 A1 D0 A0



4-11 MTCW

MTCW

0

12000

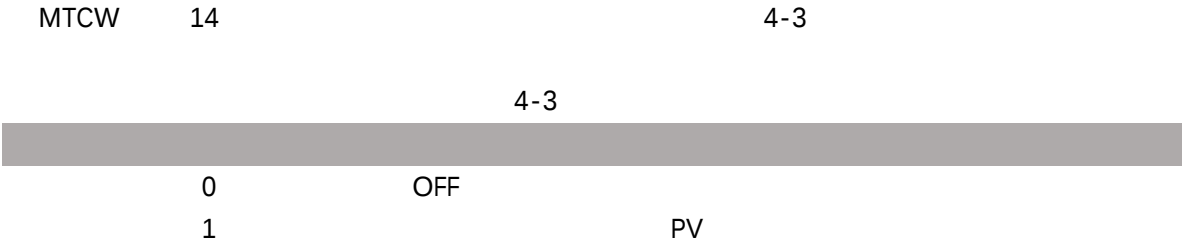
4-12

A0 A1

A0 0 A1

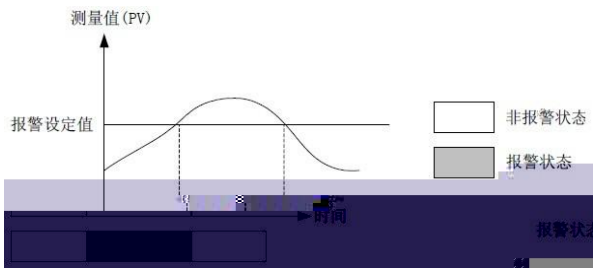
3 K A0 0 A1

D0 D1



1

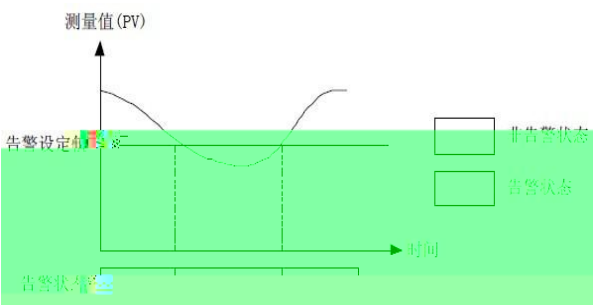
PV



4-14

2

PV

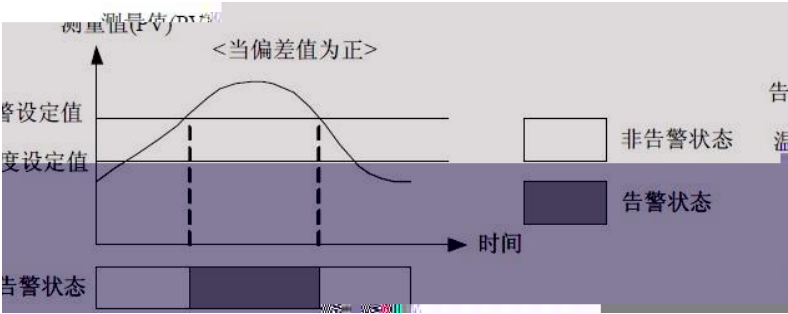


4-15

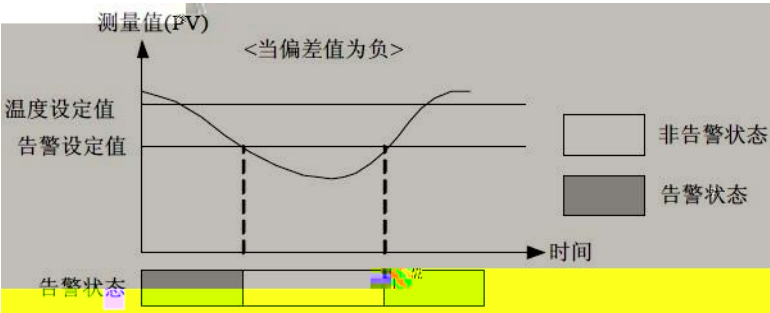
3

PV

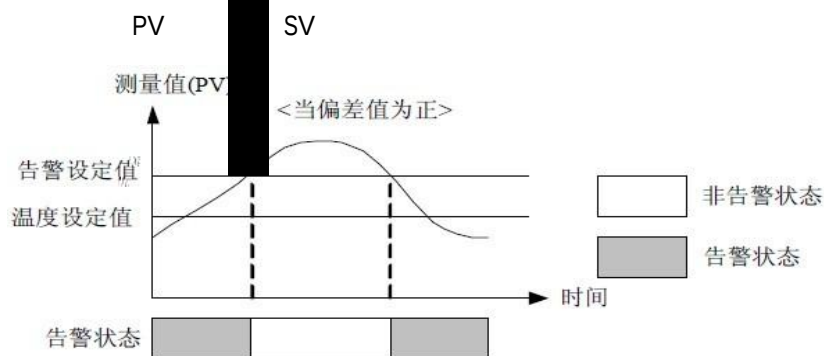
SV



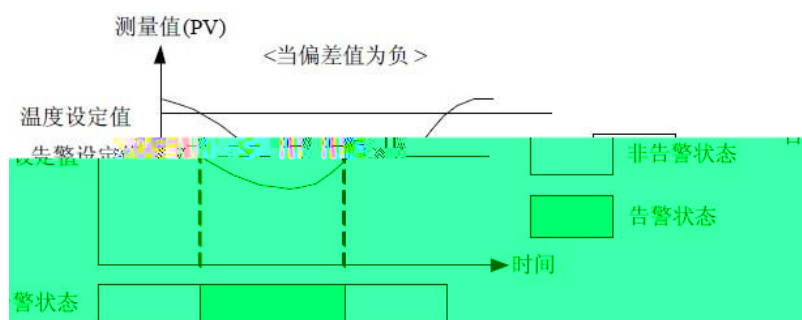
4-16



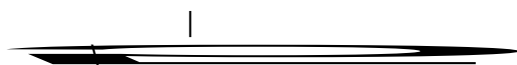
4-17



4-18

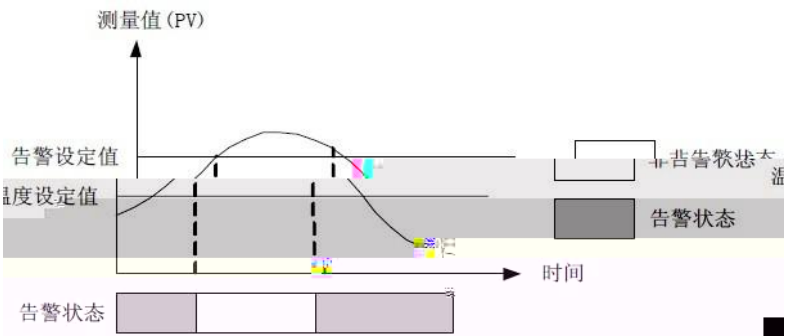


4-19



1

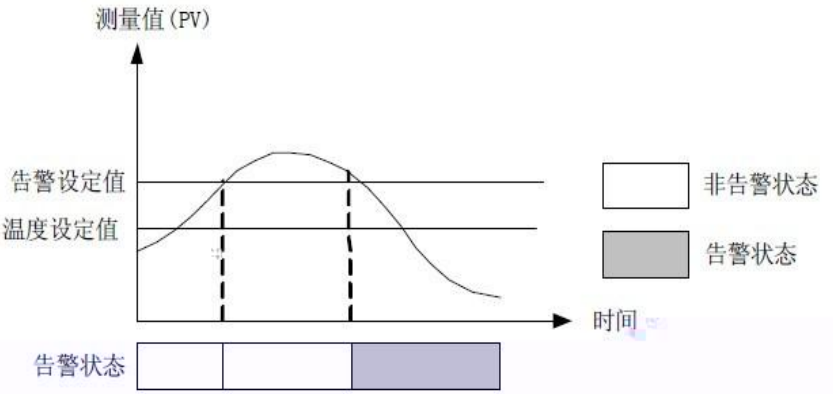
4-22



4-22

2

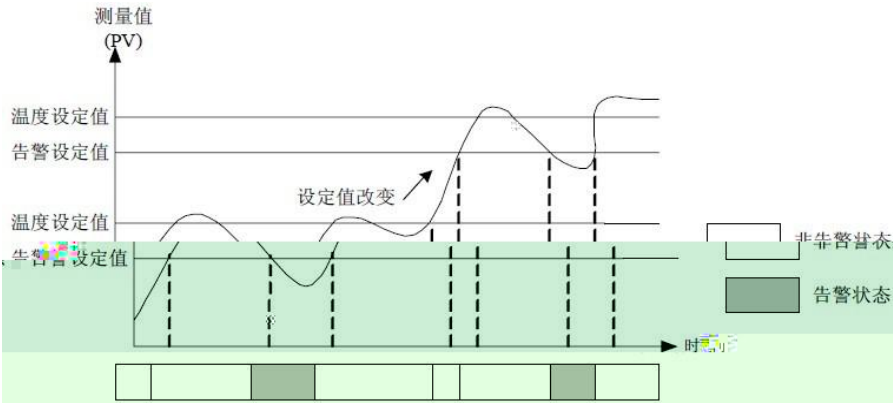
4-23



4-23

3

4-24



4-24

CTCT4-4CT

4-4

	100	500	1000	2000	4000
1	0.1~6.2A (0.0~6.8A)	0.2~31.2A (0.0~34.4A)	0.5~62.5A (0.0~68.8A)	1.0~125.0A (0.0~137.5A)	2.0~250.0A (0.0~275.0A)
2	0.1~3.1A (0.0~3.4A)	0.1~15.6A (0.0~17.2A)	0.25~31.3A (0.0~34.4A)	0.5~62.5A (0.0~68.8A)	1.0~125.0A (0.0~137.5A)
6	0.1~1.0A (0.0~1.1A)	0.1~5.2A (0.0~5.7A)	0.1~10.4A (0.0~11.5A)	0.2~20.8A (0.0~22.9A)	0.4~41.6A (0.0~45.8A)



4-5

	100	500	1000	2000	4000
1	7.7A (11A)	31A (44A)	77A (110A)	155A (220A)	311A (440A)
2	3.8A (5.5A)	15A (22A)	38A (55A)	77A (110A)	155A (220A)
6	1.2A (1.8A)	5.2A (7.3A)	12A (18A)	25A (36A)	51A (73A)

0

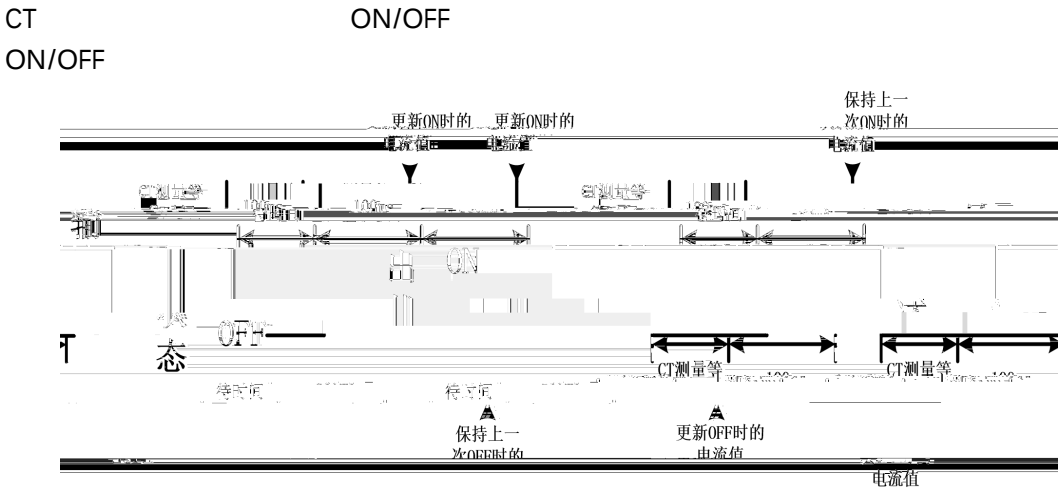
OFFON

1OFF-10ON

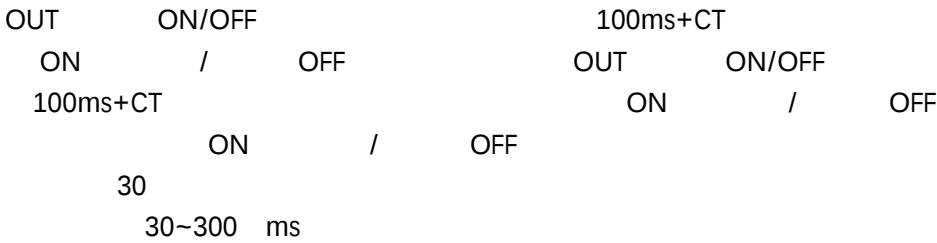
ONOFF

100msON/OFFON

OFF



4-29 CT



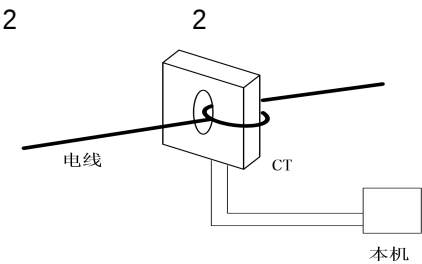
CT 100 100~4000

CT



CT 1 1~6

4-30



4-30

ON

0

0

0~5500 100mA

CT

0

$$= \frac{\quad + \quad}{2}$$

ON

0

0

0~5500 100mA

CT

0

$$= \frac{\quad + \quad}{2}$$

OFF

0

0

0~5500 100mA

CT

0

$$= \frac{\quad + \quad}{2}$$

0

0~5500 100mA

1000 100ms
4-6

/
4-6 /

	ON ≤	ON +
	ON ≥	ON -
	OFF ≥	OFF -

0

CT

1

0

OFF

0

1

1

1

ON

/

1

0

0

100ms

1

100ms

1

0~32000 100ms

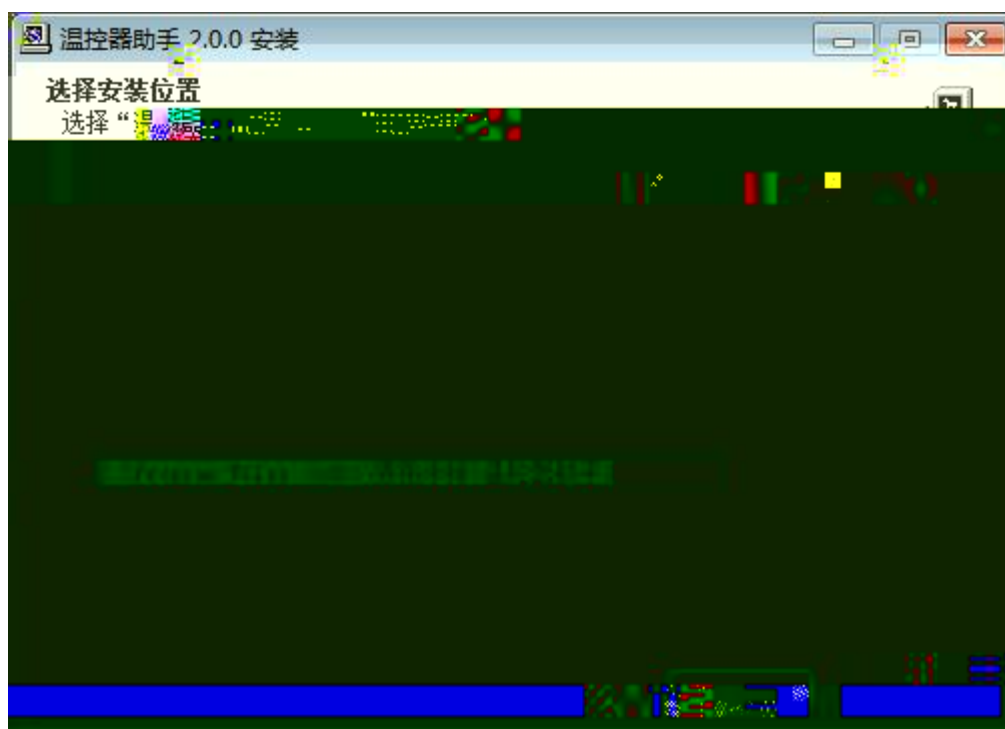
MTCW

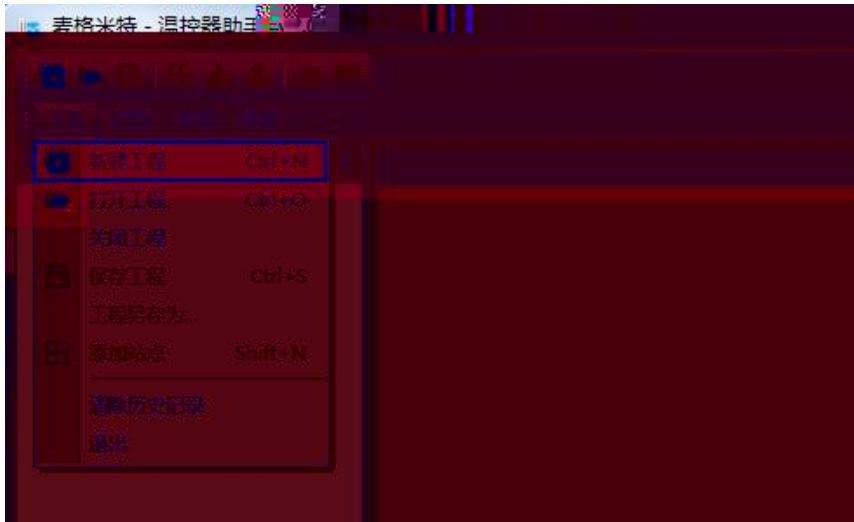
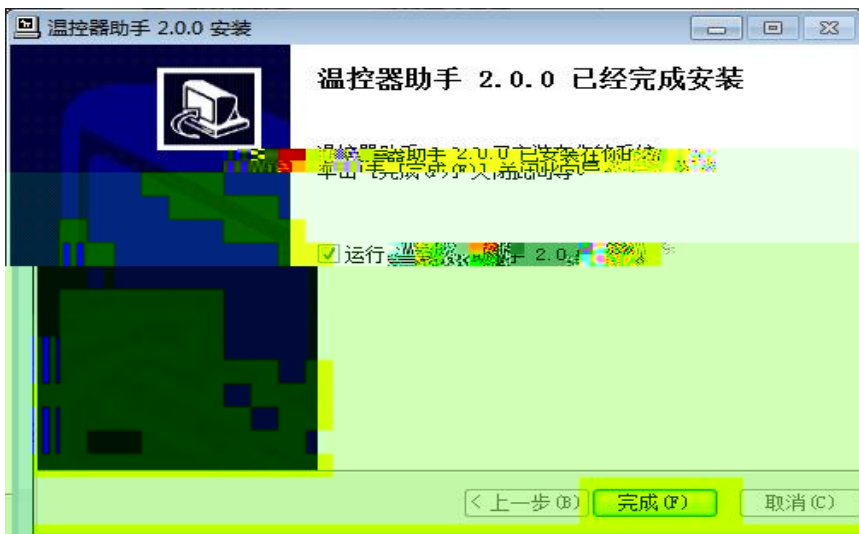
MTCW

1

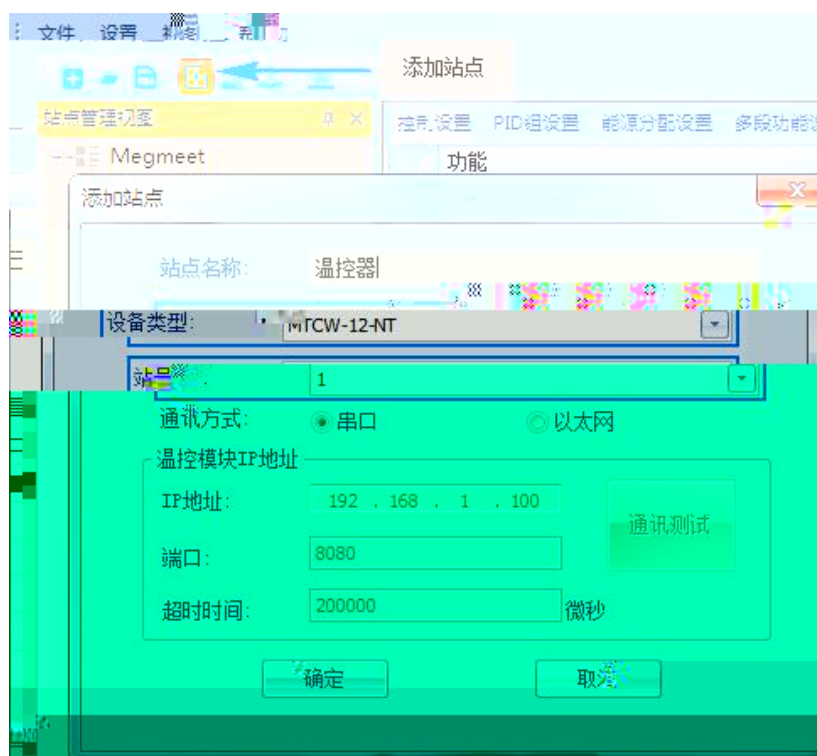
MTCW

MTCW





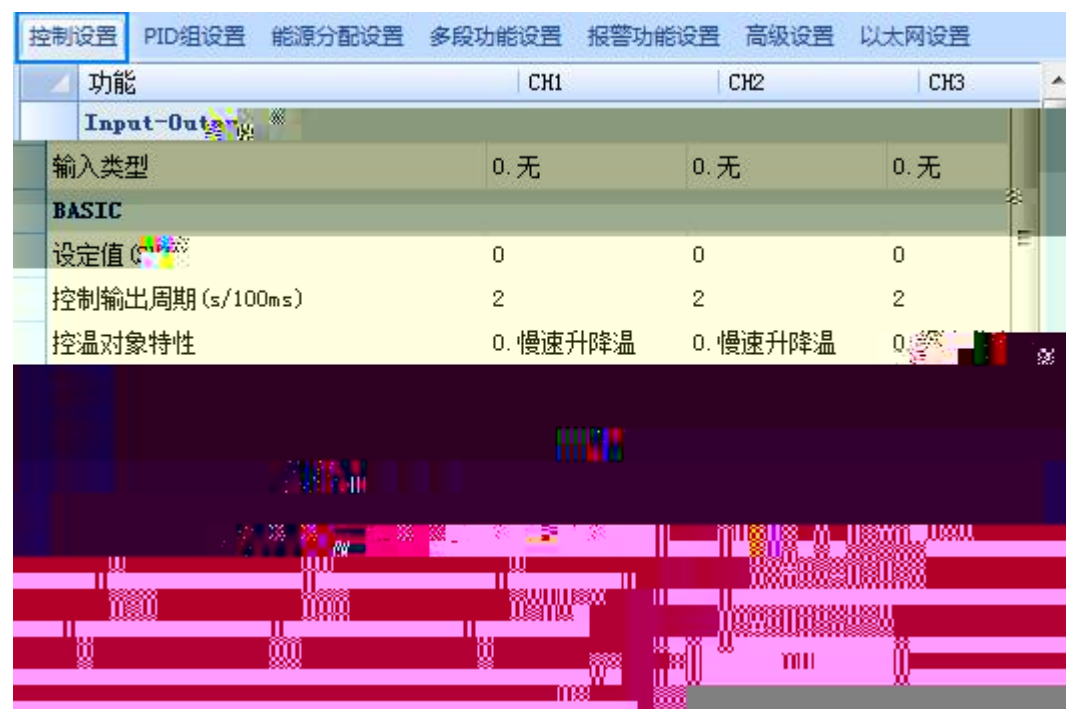
m "



1

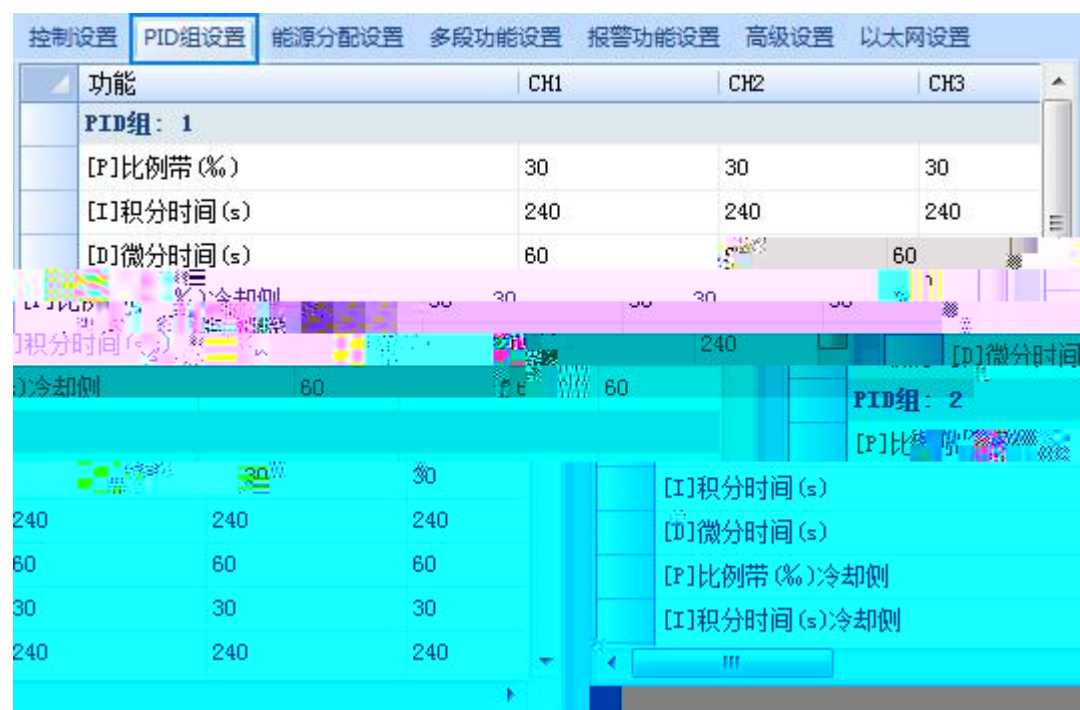
->

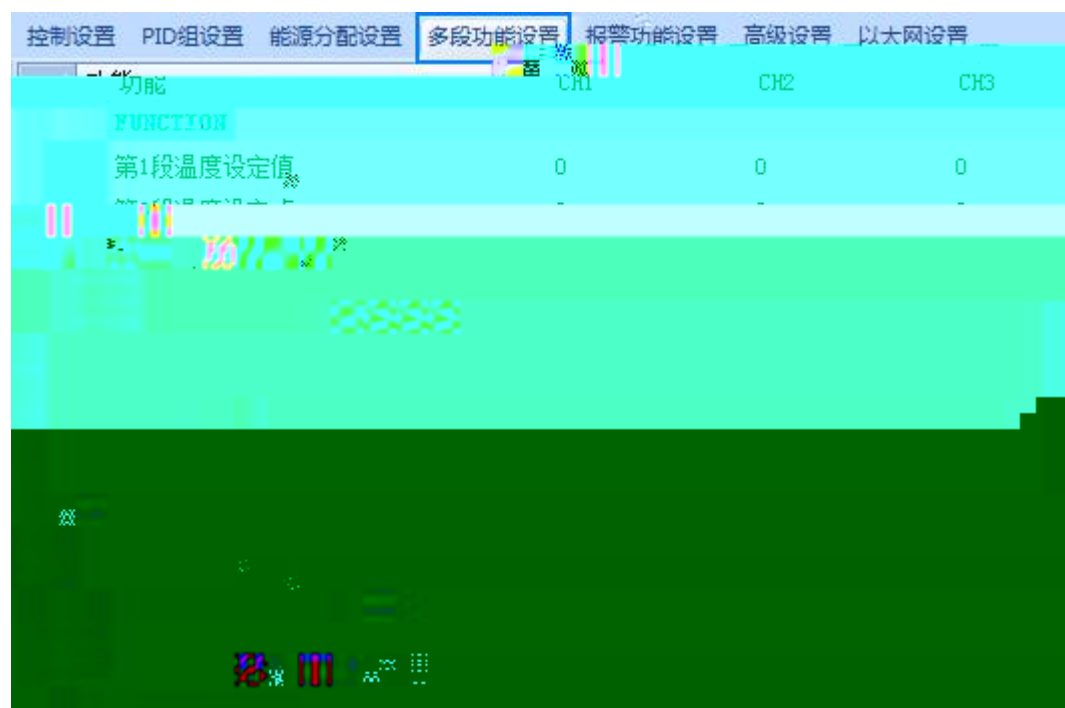
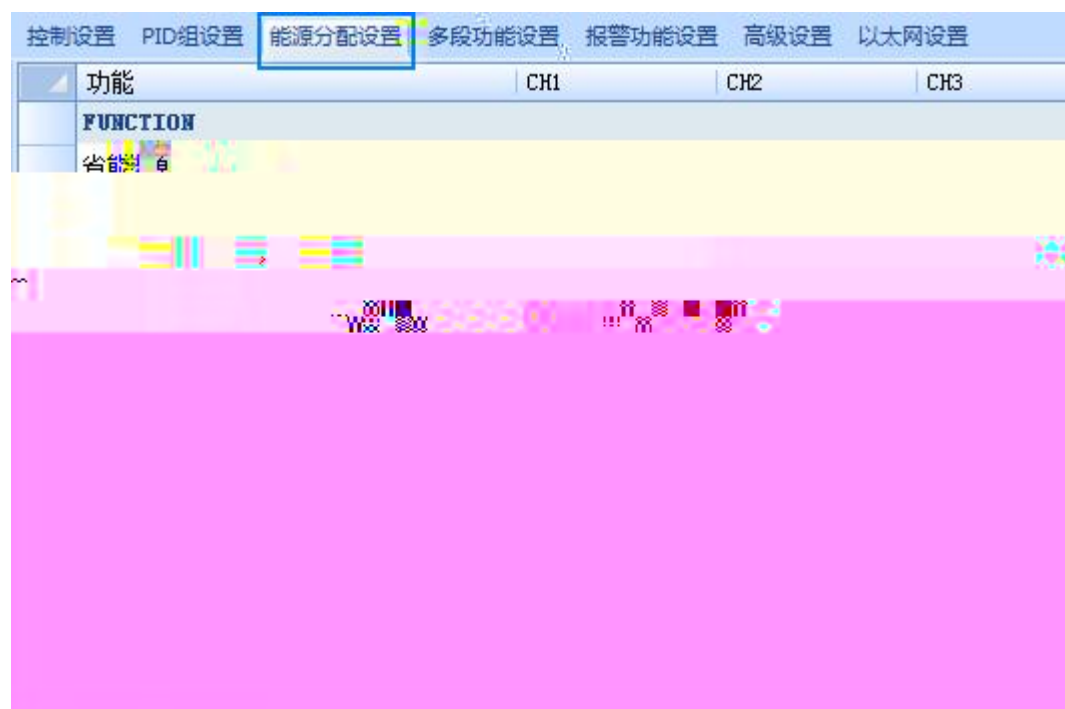




PID

PID





控制设置 PID组设置 能源分配设置 多段功能设置 **报警功能设置** 高级设置 以太网设置

报警1模式设置 0:无 报警死区设置 10

报警2模式设置 0:无 报警延迟次数 0

报警3模式设置 0:无

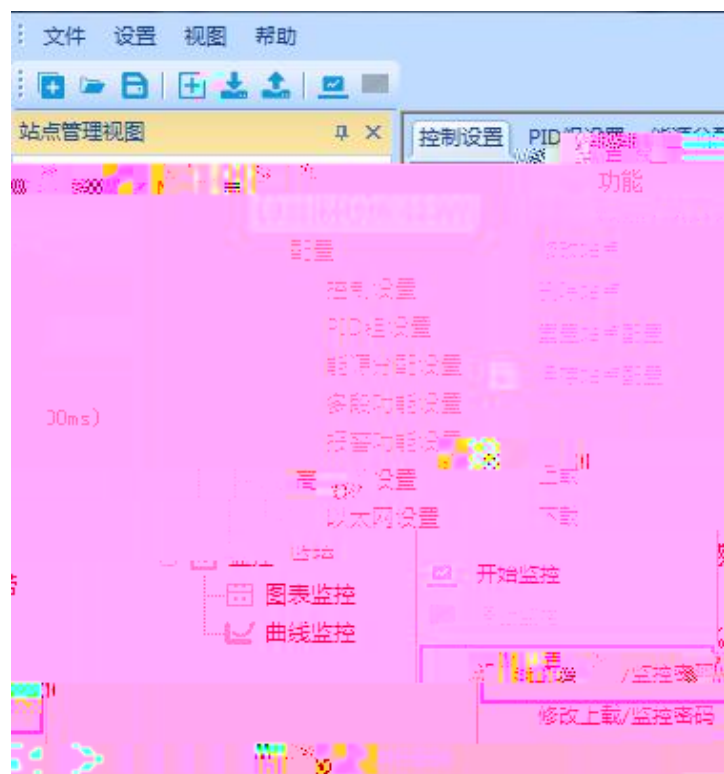
报警4模式设置 0:无

功能	CH1	CH2	CH3
报警 1 设定值	0	0	0
报警 2 设定值	0	0	0
报警 3 设定值	0	0	0
报警 4 设定值	0	0	0
报警时操作里选择	0. 不操作	0. 不操作	

PID

控制设置 PID组设置 能源分配设置 多段功能设置 **报警功能设置** **高级设置** 以太网设置

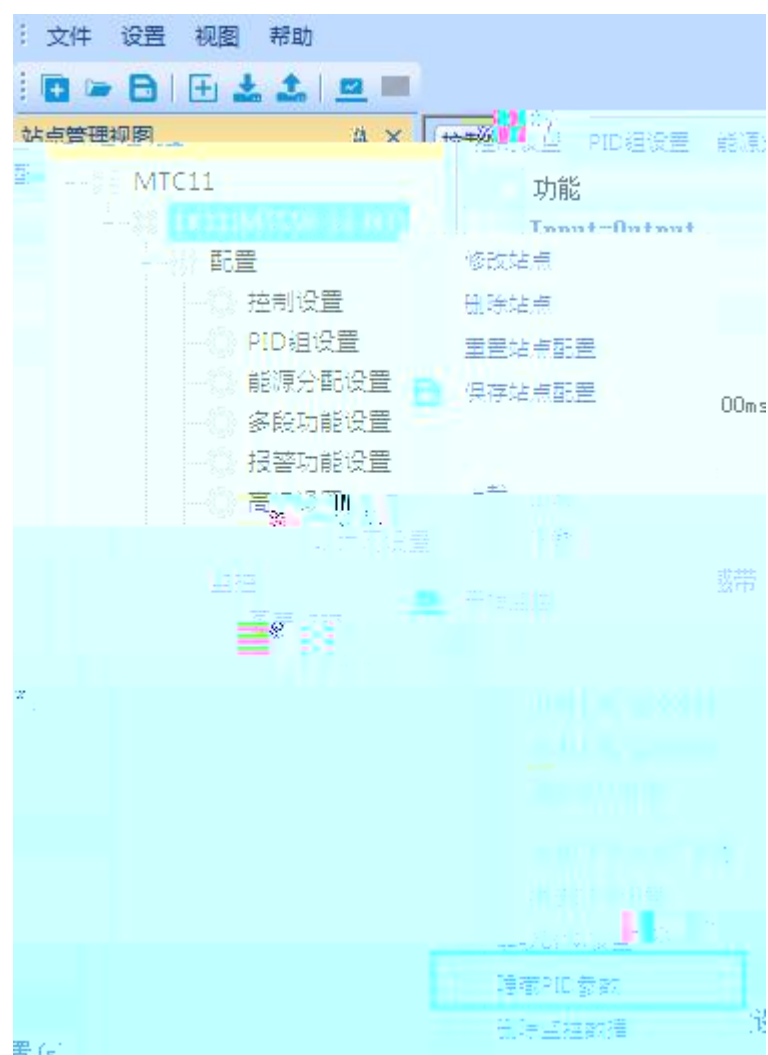
功能	CH1	CH2	CH3
PID			
白整定算法	0. 常规	0. 常规	0. 常规
控制算法	0. 增量式 PID	0. 增量式 PID	0. 增量式 PID
比例带调整系数 (加热侧)	100	100	100
积分时间调整系数 (加热侧)	100	100	100
微分时间调整系数 (加热侧)	100	100	100
比例带调整系数 (冷却侧)	100	100	100
积分时间调整系数 (冷却侧)	100	100	100
微分时间调整系数 (冷却侧)	100	100	100
设定变化率限幅上升 (min)	0	0	0
设定变化率限幅下降 (min)	0	0	0
FUNCTION			
区域动作	0. 不使用	0. 不使用	0. 不使用



PID

PID PID

PID



-
- 1.
 2. MTCW
 3. MTCW 24Vdc
 4. BFM

MTCW

24Vdc

24Vdc

24Vdc

MTCW

MTCW

“

”

MTCW

CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8	R
CH9	CH10	CH11	CH12	CH13	CH14	CH15	CH16	
1500	1501	1502	1503	1504	1505	1506	1507	
1508	1509	1510	1511	1512	1513	1514	1515	

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	2108	2109	2110	2111	2112	2113	2114	2115	R/W	Y
	2116	2117	2118	2119	2120	2121	2122	2123		
	2140	2141	2142							
	2148	2149								

	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991	2992	2993	2994	2995	2996	2997	2998	2999	3000	3001	3002	3003	3004	3005	3006	3007	3008	3009	3010	3011	3012	3013	3014	3015	3016	3017	3018	3019	3020	3021	3022	3023	3024	3025	3026	3027	3028	3029	3030	3031	3032	3033	3034	3035	3036	3037	3038	3039	3040	3041	3042	3043	3044	3045	3046	3047	3048	3049	3050	3051	3052	3053	3054	3055	3056	3057	3058	3059	3060	3061	3062	3063	3064	3065	3066	3067	3068	3069	3070	3071	3072	3073	3074	3075	3076	3077	3078	3079	3080	3081	3082	3083	3084	3085	3086	3087	3088	3089	3090	3091	3092	3093	3094	3095	3096	3097	3098	3099	3100	3101	3102	3103	3104	3105	3106	3107	3108	3109	3110	3111	3112	3113	3114	3115	3116	3117	3118	3119	3120	3121	3122	3123	3124	3125	3126	3127	3128	3129	3130	3131	3132	3133	3134	3135	3136	3137	3138	3139	3140	3141	3142	3143	3144	3145	3146	3147	3148	3149	3150	3151	3152	3153	3154	3155	3156	3157	3158	3159	3160	3161	3162	3163	3164	3165	3166	3167	3168	3169	3170	3171	3172	3173	3174	3175	3176	3177	3178	3179	3180	3181	3182	3183	3184	3185	3186	3187	3188	3189	3190	3191	3192	3193	3194	3195	3196	3197	3198	3199	3200	3201	3202	3203	3204	3205	3206	3207	3208	3209	3210	3211	3212	3213	3214	3215	3216	3217	3218	3219	3220	3221	3222	3223	3224	3225	3226	3227	3228	3229	3230	3231	3232	3233	3234	3235	3236	3237	3238	3239	3240	3241	3242	3243	3244	3245	3246	3247	3248	3249	3250	3251	3252	3253	3254	3255	3256	3257	3258	3259	3260	3261	3262	3263	3264	3265	3266	3267	3268	3269	3270	3271	3272	3273	3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	3285	3286	3287	3288	3289	3290	3291	3292	3293	3294	3295	3296	3297	3298	3299	3300	3301	3302	3303	3304	3305	3306	3307	3308	3309	3310	3311	3312	3313	3314	3315	3316	3317	3318	3319	3320	3321	3322	3323	3324	3325	3326	3327	3328	3329	3330	3331	3332	3333	3334	3335	3336	3337	3338	3339	3340	3341	3342	3343	3344	3345	3346	3347	3348	3349	3350	3351	3352	3353	3354	3355	3356	3357	3358	3359	3360	3361	3362	3363	3364	3365	3366	3367	3368	3369	3370	3371	3372	3373	3374	3375	3376	3377	3378	3379	3380	3381	3382	3383	3384	3385	3386	3387	3388	3389	3390	3391	3392	3393	3394	3395	3396	3397	3398	3399	3400	3401	3402	3403	3404	3405	3406	3407	3408	3409	3410	3411	3412	3413	3414	3415	3416	3417	3418	3419	3420	3421	3422	3423	3424	3425	3426	3427	3428	3429	3430	3431	3432	3433	3434	3435	3436	3437	3438	3439	3440	3441	3442	3443	3444	3445	3446	3447	3448	3449	3450	3451	3452	3453	3454	3455	3456	3457	3458	3459	3460	3461	3462	3463	3464	3465	3466	3467	3468	3469	3470	3471	3472	3473	3474	3475	3476	3477	3478	3479	3480	3481	3482	3483	3484	3485	3486	3487	3488	3489	3490	3491	3492	3493	3494	3495	3496	3497	3498	3499	3500	3501	3502	3503	3504	3505	3506	3507	3508	3509	3510	3511	3512	3513	3514	3515	3516	3517	3518	3519	3520	3521	3522	3523	3524	3525	3526	3527	3528	3529	3530	3531	3532	3533	3534	3535	3536	3537	3538	3539	3540	3541	3542	3543	3544	3545	3546	3547	3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567	3568	3569	3570	3571	3572	3573	3574	3575	3576	3577	3578	3579	3580	3581	3582	3583	3584	3585	3586	3587	3588	3589	3590	3591	3592	3593	3594	3595	3596	3597	3598	3599	3600	3601	3602	3603	3604	3605	3606	3607	3608	3609	3610	3611	3612	3613	3614	3615	3616	3617	3618	3619	3620	3621	3622	3623	3624	3625	3626	3627	3628	3629	3630	3631	3632	3633	3634	3635	3636	3637	3638	3639	3640	3641	3642	3643	3644	3645	3646	3647	3648	3649	3650	3651	3652	3653	3654	3655	3656	3657	3658	3659	3660	3661	3662	3663	3664	3665	3666	3667	3668	3669	3670	3671	3672	3673	3674	3675	3676	3677	3678	3679	3680	3681	3682	3683	3684	3685	3686	3687	3688	3689	3690	3691	3692	3693	3694	3695	3696	3697	3698	3699	3700	3701	3702	3703	3704	3705	3706	3707	3708	3709	3710	3711	3712	3713	3714	3715	3716	3717	3718	3719	3720	3721	3722	3723	3724	3725	3726	3727	3728	3729	3730	3731	3732	3733	3734	3735	3736	3737	3738	3739	3740	3741	3742	3743	3744	3745	3746	3747	3748	3749	3750	3751	3752	3753	3754	3755	3756	3757	3758	3759	3760	3761	3762	3763	3764	3765	3766	3767	3768	3769	3770	3771	3772	3773	3774	3775	3776	3777	3778	3779	3780	3781	3782	3783	3784	3785	3786	3787	3788	3789	3790	3791	3792	3793	3794	3795	3796	3797	3798	3799	3800	3801	3802	3803	3804	3805	3806	3807	3808	3809	3810	3811	3812	3813	3814	3815	3816	3817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4202						
4203						
4204						
	4262	4263	4264	4265	4266	
	4270	4271	4272	4273	4274	



	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8		
	5351	5352	5353	5354	5355	5356	5357	5358	R/W	Y
	5383	5384	5385	5386	5387	5388	5389	5390	R/W	Y
	5415	5416	5417	5418	5419	5420	5421	5422	R/W	Y
	5447	5448	5449	5450	5451	5452	5453	5454	R/W	Y
	5479	5480	5481	5482	5483	5484	5485	5486	R/W	Y
	5511	5512	5513	5514	5515	5516	5517	5518	R/W	Y
	5543	5544	5545	5546	5547	5548	5549	5550	R/W	

7-2			
3612		1	0
b0		b1 b7 1	
b1			
b2		AD A/D	
b3		MTCW 1	
b4			
b5			
b6			
B7~b15			
3613	16 1	16 b0	b1 0

1D

419
4198
419

8

68.1

B

n