





Setting methods of temperature and parameters							SV indication lamp is lit when the set value is shown												
Caution: Some parameters may not be displayed on the screen, depending upon the types.					_	Control output status]			
Press I for about 1 s Press I for about 2 s						peration / Standby mode							Press abo	for ut 5 s Press for about 2 s					
										Press 🕶 for	Press 🗭 for 🕴 Press 🗭 for								
1st block parameter			Default			2nd BLC		ARAMETER	about 3 s 🔻	about 2 s		3rd BLOCK PA Parameter		RAMETER	■ ▼		Default		
display	simbol	Parameter	Description Switches RUN or Standby of the control	Description ches RUN or Standby of the control.		Notes	display	simbol	Parameter	Description	Setting	Notes	display	simbol	Parameter	Des	cription	Setting	Notes Table4
5663	STbY	Standby settings	ON: Control standby (output: OFF alarm: OFF) OFE: Control RIN				P	Р	Proportional band	Setting range : 0,0 to 999,9% ON/OFF control when "P"=0.0	5.0		P-n 1 5ú-L	P-n1	Control action	Selects the control action		0/4	Pag.44
Pcol	ProG Ramp/Soak off: Stop				0.55		-	т	Integral time (reset)	Setting range: 0 to 3200 sec.	240			SV-L	Lower limit of SV	Setting range: 0 to 100% FS. Upper limit of SV		0%FS	
		control	HLd : Status hold						Derivative action time	No integral action when "I" = 0 Setting range: 0,0 to 999,9 sec.	60.0		50-8	SV-H	Upper limit of SV	Setting range: 0 to 100% F	tting range: 0 to 100% FS.		
LALA	LACH	Alarm latch cancel	1:Opens up the alarm latch. Used for setting the constants P. Land	0			ыус	Hysteresis for ON/OFF	No derivative action when "D" = 0.0	1		8131	dLY1	alarm 1	On delay setting for alarm Setting range: 0 to 9999 setting	etting for alarm output. Ige: 0 to 9999 sec.			
Ri 70-1	AT TM-1	Auto-tuning Timer 1 display	0:OFF 1:Standard AT start 2:low	0		22	1113	control	Setting range. 0 to 50% F3.	1		dL 92	dLY2	alarm 2 Hysteresis for					
5-01	TM-1	Timer 2 display	Time displays indicating the remaining	-		Lool	CooL	coefficient for cooling	Setting range: 0.0 to 100.0 ON/OFF control when "CooL" = 0.	1.0		H ING	A1h	alarm 1	Sets ON-OFF hysteresis for Setting range: 0 a 50% FS	alarm output.	1		
81.1	AL1	Alarm 1 set value	Sets the value at which alarm 1 is detected. AL1 appears only with alarm action type 1 to 10.				Í	-	sue	-			<i>R2hy</i>	A2h	alarm 2	of Additional function of alarm 1 and 2		1	
		Setting range: Note 1 Sets the lower limit value at which alarm 1 is detected.				_	dЪ	db	Deadband/Overlap	Setting range: -50.0 to +50.0%	0.0		H IoP	A1oP	Additional function of alarm 1	Alarm latch (1: use; 0: not use)		000	
R I-L A1-L		Lower limit value of alarm 1	A1-L appears only with alarm action ty Setting range: Note 1	10		$\Gamma\Gamma_{cl}$	CTrl	Control algorithm	PID: Runs normal PID control	PID		R2oP	A2oP	alarm 2	De-energized (1: use; 0:not use) (Note 3)		000	6.7	
01.0	A1-H	Upper limit value A1-H appears only with alarm action type 16 to 31		rm 1 is detected.	10		2,72	0.1.2	condoralgonalin	SELF:Runs PID control with self-running	110		dī - 1	di-1	DI1 Function	Setting range: 0 to 12		0 (OFF)	6-7 Pag.35
n 1- n	AI-II	of alarm 1	Setting range: Note 1	10	Tabla3 Pag.43	ΓΕ	тс	Cycle time of control output 1	ol Setting range: 1 to 150 sec.	30/2	Note 2	dī-2	di-2	DI2 Function	Sets digital input 2 (DI2) fu Setting range: 0 to 12	inction	0 (OFF)	6-7 Pag.35	
RL2	AL2	Alarm 2 set value	AL2 appears only with alarm action type 1 to 10.			Note	552	TC2	Cycle time of control	Setting range: 1 to 150 sec.	30/2	Note 2	57 no	STn	Station number	Communication station nur Setting range: 0 to 255	nber	1	
07.1	42.1	Lower limit value	Setting range: Note 1 Sets the lower limit value at which alarm 2 is detected.		10	1	0 7	102	output 2	Setting range: 1 to 16	50/2	Table1	ΓoΠ	CoM	Parity setting	Parity setting (baud rate is fixed at 9600bps.)		0	6-6 Pag 34
82-L	A2-L	of alarm 2	A2-L appears only with alarm action ty Setting range: Note 1	10	_	Pind	P-n2	Input type code	(1:Pt100, 2:TC"J", 3:TC"K")	3	Pag.42			Codo for DVD input	Setting range: 0 to 2 Input code type used when		Pag.34		
Я2-Н А2-Н		Upper limit value of alarm 2	Sets the upper limit value at which alarm 2 is detected. A2-H appears only with alarm action type 16 to 31.		10		P-5L	P-SL	range	Setting range: -1999 to 9999	-150		PYP	PYP	type	See Operation manual. (Initial value: K: 0 to 400 °C)		34	
	Loc	Key lock	Setting range: Note 1 Setting of key lock status			P-5U	P-SU	range	Setting range: -1999 to 9999	400	Table2 Pag.42	Я ₀ -Г Яо-L Яо-Н	Ao-T	Re-transmission output type	Switches the signals to be (0: PV : 1: SV : 2: MV : 3:	output for re-transmission DV)	0		
			All parameters SV LoC Front Communi- cation Front Communi- cation 0 0 0 0 0 1 X 0 X 0 2 X 0 0 0 3 0 X 0 X 4 X X X X 5 X X 0 X 0:Enabled X:Enabled X X				P-dP	dP P-dP	Setting of decimal point position		Setting range: 0 to 2 Setting range: -10 to 10%FS		,	Ao-L	Re-transmission output scale lower	Lower limit of the scaling for	or re-transmission output	0	
10[סווחכ		PV Offcet	0					limit Re-transmission	Setting range: -100 to 100	%	_	
					0		1001		Time constant of input		5.0			Ao-H	output scale upper limit	Upper limit of the scaling for Setting range: -100 to 100	r limit of the scaling for re-transmission output ng range: -100 to 100%		
							P-dF	P-dF	filter	Setting range: 0.0 a 900.0 sec.	5.0	Table4 Pag.48	d5P (d5P9	dsP1					
							<u>RLN</u> BLDZ	ALM1	Type of alarm 1 Type of alarm 2	Setting range: 0 a 34	0/5			to dsP9					
· · · · · · · · · · · · · · · · ·								STAT	Ramp/Soak status	No setting can be made	OFF		dP 10	dP10 to	Parameter mask	Specifying parameter mask	1		
Ote Auit table/page references in this quick guide, are referred to the users manual. Note 1: Setting range: 0 to 100% FS (in case of absolute value alarm)								PTn	Ramp/Soak execute type	1: Executes 1st to 4th segment 2: Executes 5th to 8th segment 3: Executes 1st to 8th segment	1		dP 13	dP13					
100 to 100% FS (in case or deviation alarm) Note 2: When using the heather break alarm, set the parameter "TC" to 20 or more. Set the "CT" (Current transformer) so that it measures the current of the heather connected to the control output 1. Disconnection of the control output 2 cannot be detected. Never set "TC" / "TC2" = 0.							50 - 8 50 - 8	SV-1 to SV-8	Ramp target SV-1 to SV-8	Setting range: 0 to 100% FS	0%		Note 3: De-energized: Contact opens when the alarm "ON"						
							ГП Ir ГПВr	TM1r to TM8r	1st Ramp segment time to 8th Ramp segment time	Setting range: 0 to 99h59m	0.00								
								TM1S a TM8S	1st Soak segment time to 8th Soak segment time	Setting range: 0 to 99h59m	0.00								