





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						•							
		Ρ	ress 🕩 for about 1 s	Press Press for about 2 s		Оре	eration / St	andby n	)							tor but 5 s	Press 🗭 for about 2 s		
1 ct blo	ck para	motor	<b>.</b> .				2nd Pl		ARAMETER	Press 🗭 for about 3 s	Press 🕘 for about 2 s		3rd BL	רע פא	RAMETER				
Para		Parameter		Description	Default Setting		Parar	neter	Parameter	Description	Default Setting	Notes	Param display	neter	Parameter		l Description	Default Setting	Notes
5769		Standby settings		andby of the control. ( (output: OFF alarm: OFF)	OFF		display:	SIMDOI	Proportional band	Setting range : 0,0 to 999,9%	5.0		P-n 1	P-n1	Control action	Selects the control act	ion	0/4	Table4 Pag.44
		Ramp/Soak	OFF: Control RUN. OFF: Stop		OFF		<i>r</i>	ſ		ON/OFF control when "P"=0.0 Setting range: 0 to 3200 sec.			5ũ-L	SV-L	Lower limit of SV	Lower limit of SV Setting range: 0 to 100% FS.		0%FS	
ProD		control	rUn: Start HLd : Status hold 0:Keeps the alarm la	stab	OFF		L	I	Integral time (reset)	No integral action when "I" = 0 Setting range: 0,0 to 999,9 sec.	240		5ũ-X	SV-H	Upper limit of SV	Upper limit of SV Setting range: 0 to 100% FS.		100%FS	<u> </u>
	-	Alarm latch cancel	1:Opens up the alar		0		<u>d</u> НУ5	D HYS	Derivative action time Hysteresis for ON/OFF	No derivative action when "D" = 0.0 Setting range: 0 to 50% FS.	60.0		97 A 1	dLY1	ON delay time of alarm 1 ON delay time of	On delay setting for al Setting range: 0 to 99		0	
ЯГ ГП- I	AT TM-1	Auto-tuning Timer 1 display	0:OFF 1:Standard	d AT start 2:low PV type start	0		כבח	птэ	control Proportional band		1		dL 32	dLY2	alarm 2 Hysteresis for			0	<u> </u>
rn-2	TM-2	Timer 2 display		ting the remaining time at the timer mode.	-		Eool	CooL	coefficient for cooling side	Setting range: 0.0 to 100.0 ON/OFF control when "CooL" = 0.	1.0		R 155 R255	A1h A2h	alarm 1 Hysteresis for	Sets ON-OFF hysteres Setting range: 0 a 509		1	+
RL I	L AL1 Alarm 1 set value Sets the value at which alarm 1 is detected. AL1 appears only with alarm action type 1 to			ith alarm action type 1 to 10.	10		.0.			5 H 1 5 5 6 H 1 5 6 9 K			R loP		alarm 2 Additional function of	Additional function of	onal function of alarm 1 and 2		+
R (-L	D 1 A1-I LOWER INTIC Value A1-I appears only with alarm actio			value at which alarm 1 is detected.	10	1	dЪ	db	Deadband/Overlap	PID: Runs normal PID control	0.0		R26P	A2oP	alarm 1 Additional function of	Alarm latch (1: use; 0: not use) Alarm of error status (1:use; 0:not use) De-energized (1: use; 0:not use) (Note 3)		000	+
n 1-r	AI-L	of alarm 1	Setting range: Note		10	_	EFrL	CTrL	Control algorithm	FUZY:Runs PID control with fuzzy logic SELF:Runs PID control with self-running	PID		dī - 1	di-1	alarm 2 DI1 Function	Sets digital input 1 (D)	(1) function	0 (OFF)	6-7
R (- X	A1-H	Upper limit value of alarm 1 Setting range: Note 1		10	Tabla3 Pag.43		тс	Cycle time of control	Setting range: 1 to 150 sec.	30/2	Note 2	dī-2 51 no	di-2	DI2 Function	Setting range: 0 to 12 Sets digital input 2 (D) Setting range: 0 to 12	ing range: 0 to 12 3 digital input 2 (DI2) function ing range: 0 to 12		Pag.35 6-7 Pag.35	
RL 2	AL2	Alarm 2 set value		L2 appears only with alarm 2 is detected.			-	output 1 Cycle time of control					STn	Station number	Communication station Setting range: 0 to 25	n number	0 (OFF)	Pay.55	
		Lower limit value		value at which alarm 2 is detected.	10	1   -	527	TC2	output 2	Setting range: 1 to 150 sec. Setting range: 1 to 16	30/2	Note 2 Table1	EoN	CoM	Parity setting	Parity setting (baud rate is fixed at 9		0	6-6
R2-L	A2-L	of alarm 2	Setting range: Note	ears only with alarm action type 16 to 31. ange: Note 1 upper limit value at which alarm 2 is detected.			P-n2	P-n2	Input type code Lower limit of input	(1:Pt100, 2:TC <sup>*</sup> J", 3:TC <sup>*</sup> K")	3	Pag.42			Code for PYP input	Setting range: 0 to 2	nge: 0 to 2 e type used when communicating with PYP.		Pag.34
R2-X	A2-H	Upper limit value of alarm 2		with alarm action type 16 to 31.	10		P-50	P-SL P-SU	range Upper limit of input	Setting range: -1999 to 9999	-150	400	РУР	PYP	type	See Operation manual (Initial value: K: 0 to 4	100 °C)	34	
			Setting of key lock s	status All parameters SV	7		P-5U	P-50	range	Setting range: -1999 to 9999	400	Table2 Pag.42	Ro-F	Ao-T	Re-transmission output type	Switches the signals to (0: PV ; 1: SV ; 2: MV	be output for re-transmission ; 3: DV)	0	_
			LoC Fro ke	ey cation key cation			P-dP	P-dP	Setting of decimal point position	Setting range: 0 to 2	0		Ro-L	Ao-L	Re-transmission output scale lower limit	Lower limit of the scal Setting range: -100 to	ing for re-transmission output 100%	0	
1°5	Loc	Key lock	0 C	( 0 X 0	0		PUDF	PVOF	PV Offset	Setting range: -10 to 10%FS	0 8		Ro-X	Ao-H	Re-transmission output scale upper	Upper limit of the scal	ng for re-transmission output	100%	
			3 C 4 X				P-dF	P-dF	Time constant of input filter	Setting range: 0.0 a 900.0 sec. 5.0				limit	Setting range: -100 to 100%			<u> </u>	
			5 X	C X O X O:Enabled X:Disabled			RLDI	ALM1	Type of alarm 1	Setting range: 0 a 34	0/5	Table4 Pag.48	ole4 ICDD	dsP1 to dsP9					
							<u>RLN2</u> SFRF	ALM2 STAT	Type of alarm 2	No setting can be made	0/9	ray.to	- : :	Parameter mask	Specifying parameter	ying parameter mask			
ote: All tab	ote: All table/page references in this quick guide, are refered to the users manual.							STAT	Ramp/Soak status	-	OFF		аР Ю аР 13	to dP13					
ote 1: Setting range : 0 to 100% FS (in case of absolute value alarm) -100 to 100% FS (in case of deviation alarm)							PГn	PTn	Ramp/Soak execute type	1: Executes 1st to 4th segment 2: Executes 5th to 8th segment 3: Executes 1st to 8th segment	1		0, 13					_ <b>_</b>	<u> </u>
Oto 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"							
							ГЛ Ir ГЛ8r	TM1r to TM8r	1st Ramp segment time to 8th Ramp segment time	Setting range: 0 to 99h59m	0.00								
							ГЛ IS ГЛ85	TM1S a TM8S	1st Soak segment time to 8th Soak segment time	Setting range: 0 to 99h59m	0.00								