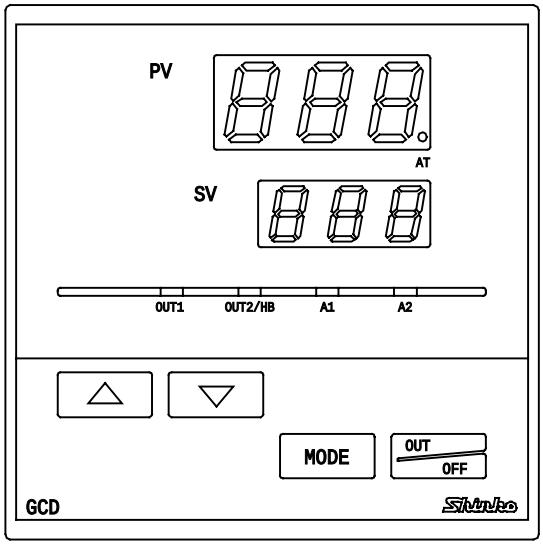
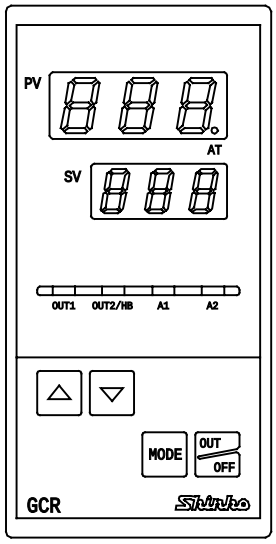

PV
AT
SV
OUT1
OUT2/HB
A1
A2
MODE
OUT
OFF
GCD
Shinko


PV
AT
SV
OUT1
OUT2/HB
A1
A2
MODE
OUT
OFF
GCR
Shinko

[

]

[ ]

( )

“ ”

⚠

_____( )

1.

[(IEC61010-1)]

[ ]

0 50 (32 122°F)

35 85%RH

_____( )

2.

GCD-200 GCR-200 M3

2.

(250V 2A)
AC/DC 24V DC

3.

PID

( )

1.1
1.2
1.3

3.1
3.2 PV/SV
3.3
3.4

1(A1)
2(A2)

3.5

ON/OFF

ON/OFF

1(A1)
2(A2)
1(A1)
2(A2)

3.6

6.1
6.2
6.3 ON/OFF
6.4 [□]
6.5 1(A1) 2(A2)

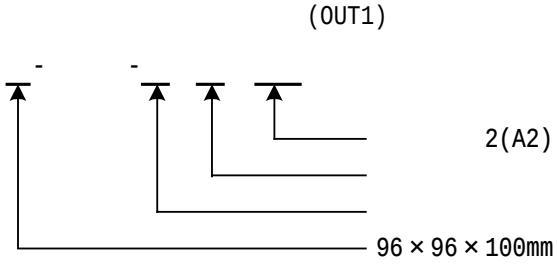
7.1
7.2
7.3 ( )

8.1
8.2 (GCD-200)
8.3 (GCD-200)
8.4 (GCR-200)
8.5 (GCR-200)
8.6 ( )
8.7

9.1
9.2

10.1
10.2

1.1



□	□	□	□	
				96× 96× 100mm
				48× 96× 100mm
1(A1)				
				*1
(OUT1)				
				(SSR)
				K,J,E
				Pt100,JPt100

*1 (8)

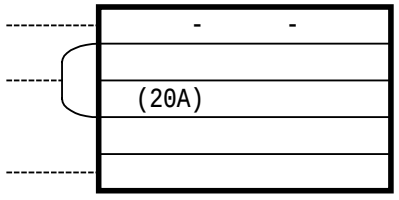
	2(A2)
	( )
	(OUT2) ( )
	(GCR-200 GCD-200)
	(IP54)

[A2] [W] [DR,DS,DA]
1
[W] [A2] [DR,DS,DA]
1
[DR,DS,DA] [A2] [W]
1
[W]

1.2

K	0 400	1
	0 999	
	0 999 ℉	1℉
J	0 400	1
	0 999	
	0 999 ℉	1℉
E	0 600	1
	0 999 ℉	1℉
Pt100	199 400	1
	19.9 99.9	0.1
	199 999 ℉	1℉
JPt100	199 400	1
	19.9 99.9	0.1
	199 999 ℉	1℉

1.3

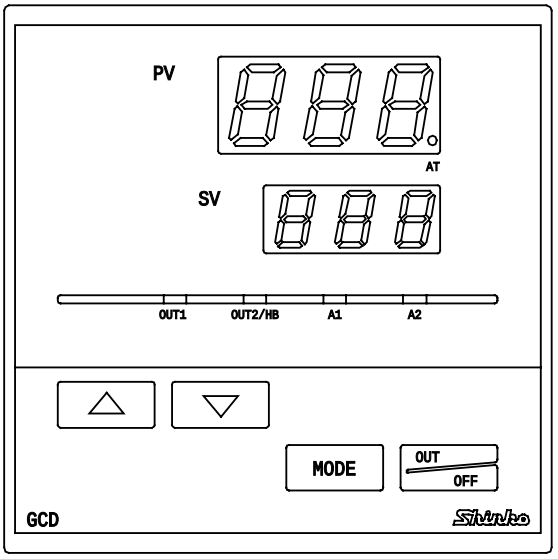


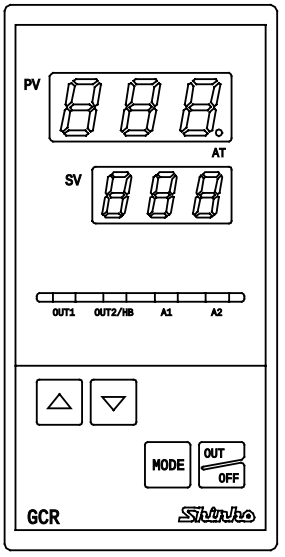
( )

2(A2)

(20A)

( )





(2 1)

PV

SV

(AT)

(AT) PV

(OUT1)

(OUT1) ON

(OUT2) (HB) ( )

(OUT2) (HB) ON

1(A1)

1(A1) ON

2(A2)

2(A2) ON

▲

▼

MODE

(MODE)

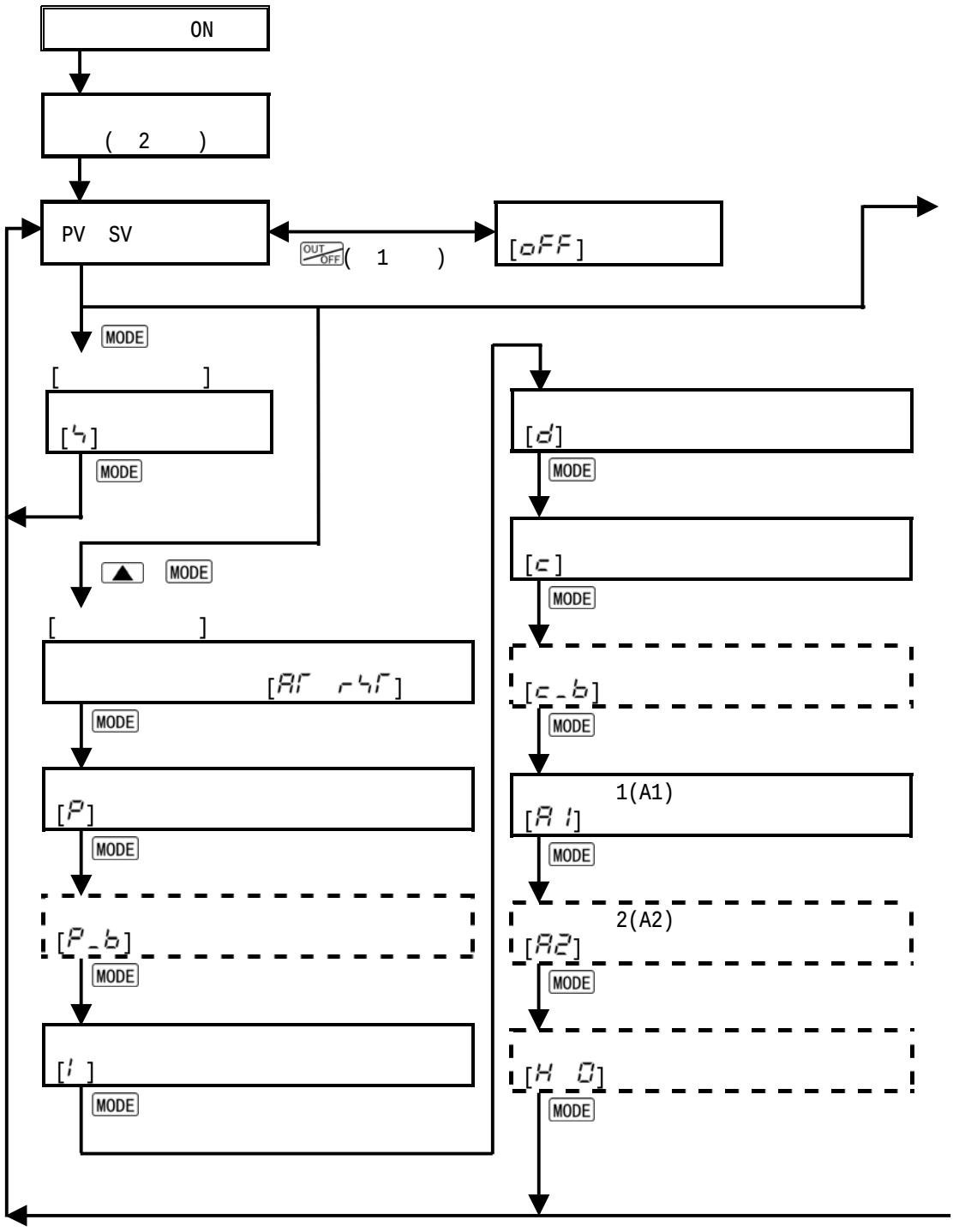
OUT OFF

ON/OFF

1 OUT OFF

OUT OFF 1

3.1

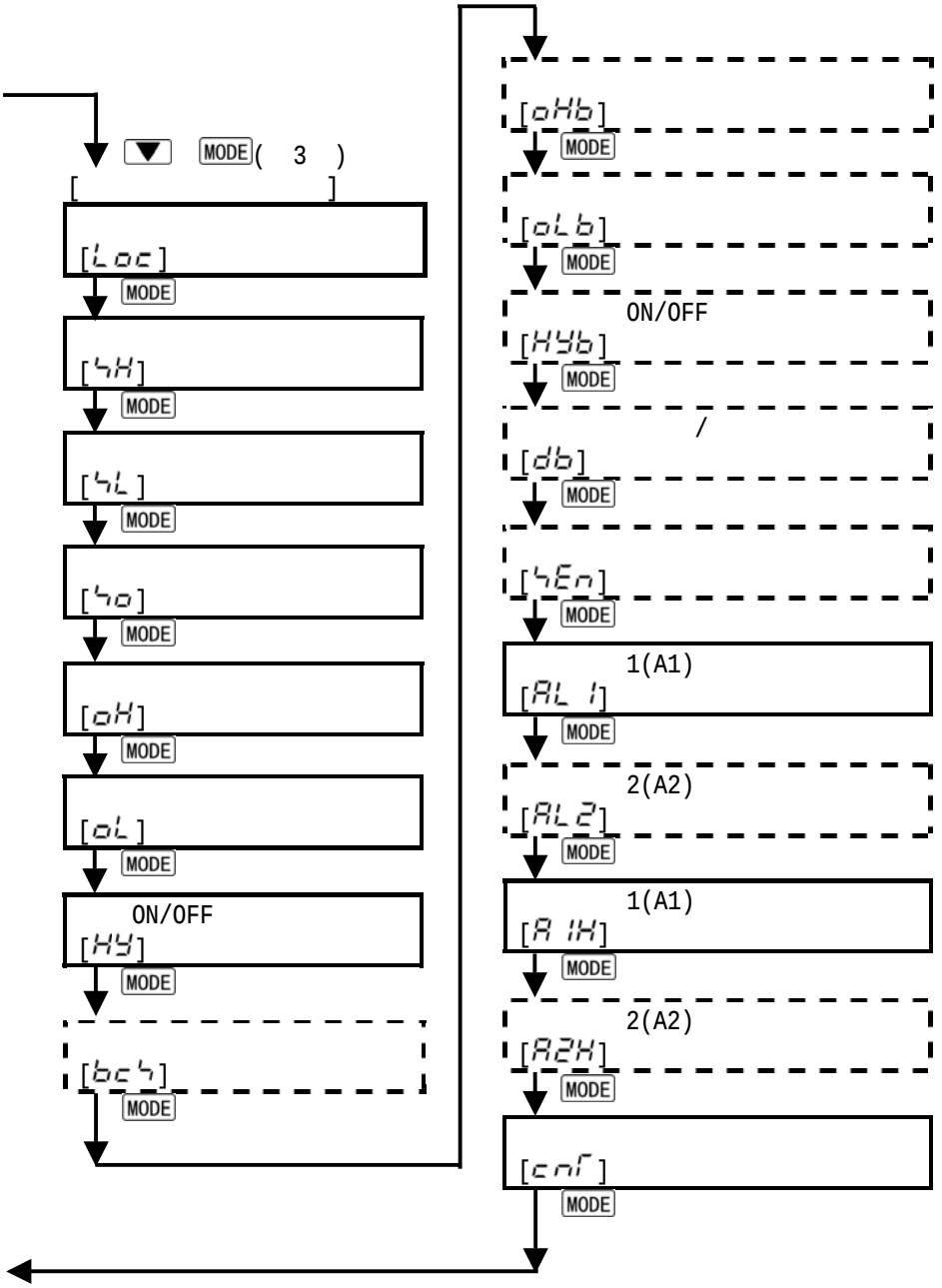

ON
(2)
PV SV
OUT OFF (1)
[oFF]
MODE
[ ]
[5]
MODE
▲ MODE
[ ]
[AT rST]
MODE
[P]
MODE
[P_b]
MODE
[I]
MODE
[d]
MODE
[c]
MODE
[c_b]
MODE
1(A1)
[A 1]
MODE
2(A2)
[A2]
MODE
[H D]
MODE

▲ MODE ▲ MODE

▼ MODE(3) ▼ MODE 3

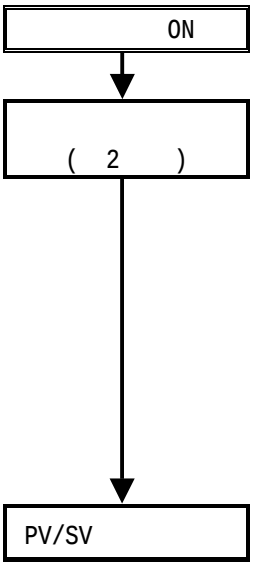
OUT/OFF(1) OUT/OFF 1

( ) MODE PV/SV



3.2 PV/SV

2 PV
SV (3.2 1)
SV
LED OFF
PV SV
PV oFF
OUT/OFF 1

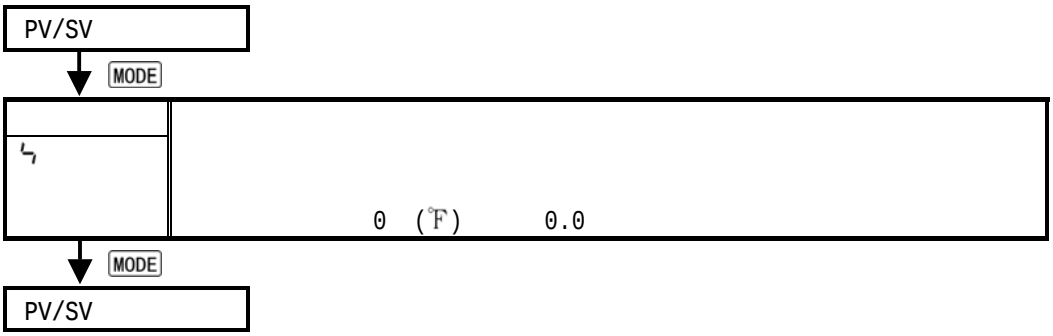


(3.2 1)

			℉	
	PV	SV	PV	SV
K	tC	400 999	tF	999
J	JC	400 999	JF	999
E	EC	600	EF	999
Pt100	PrC	400 99.9	PrF	999
JPt100	JPC	400 99.9	JPF	999

3.3

MODE
▲ ▼ ( )
MODE PV/SV

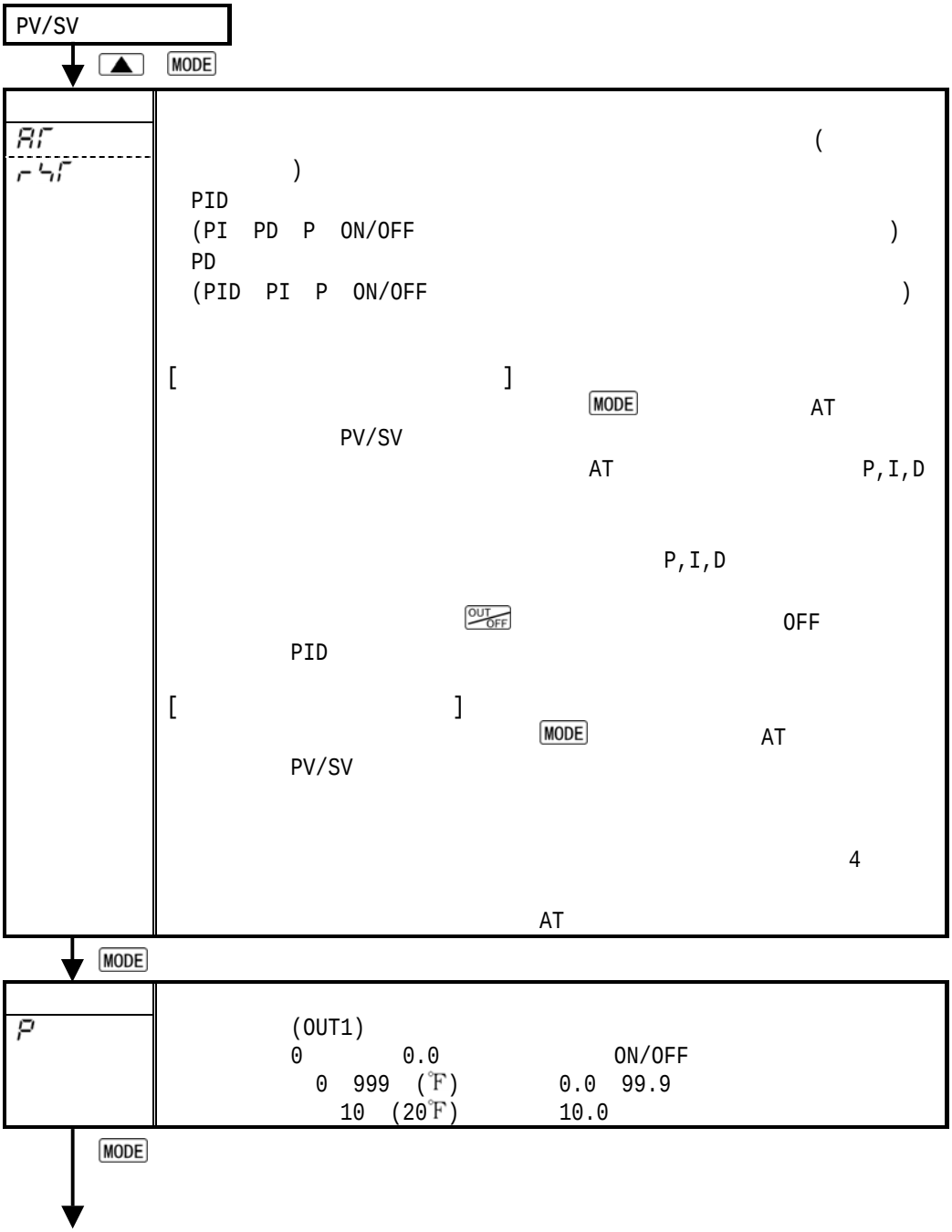


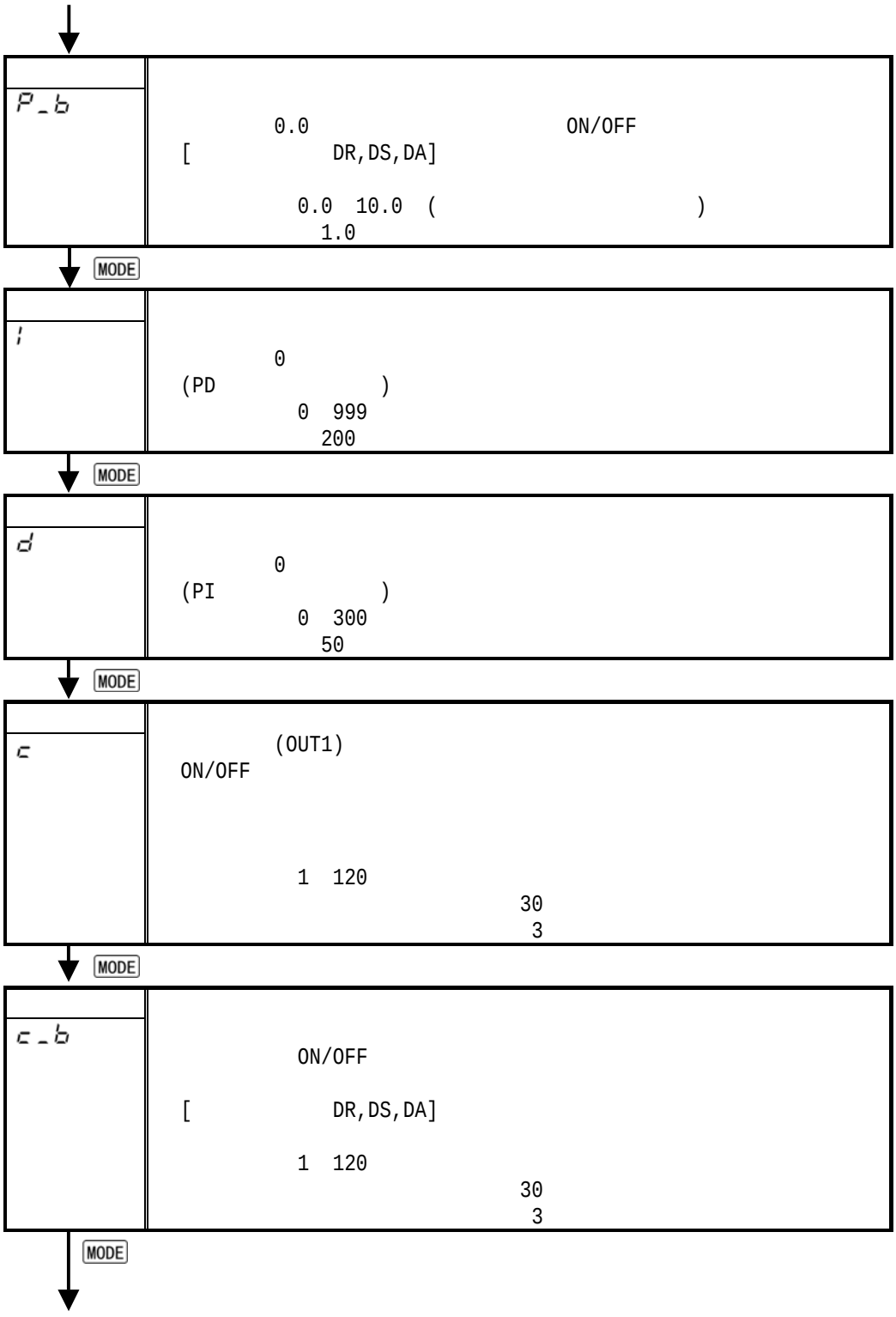
3.4

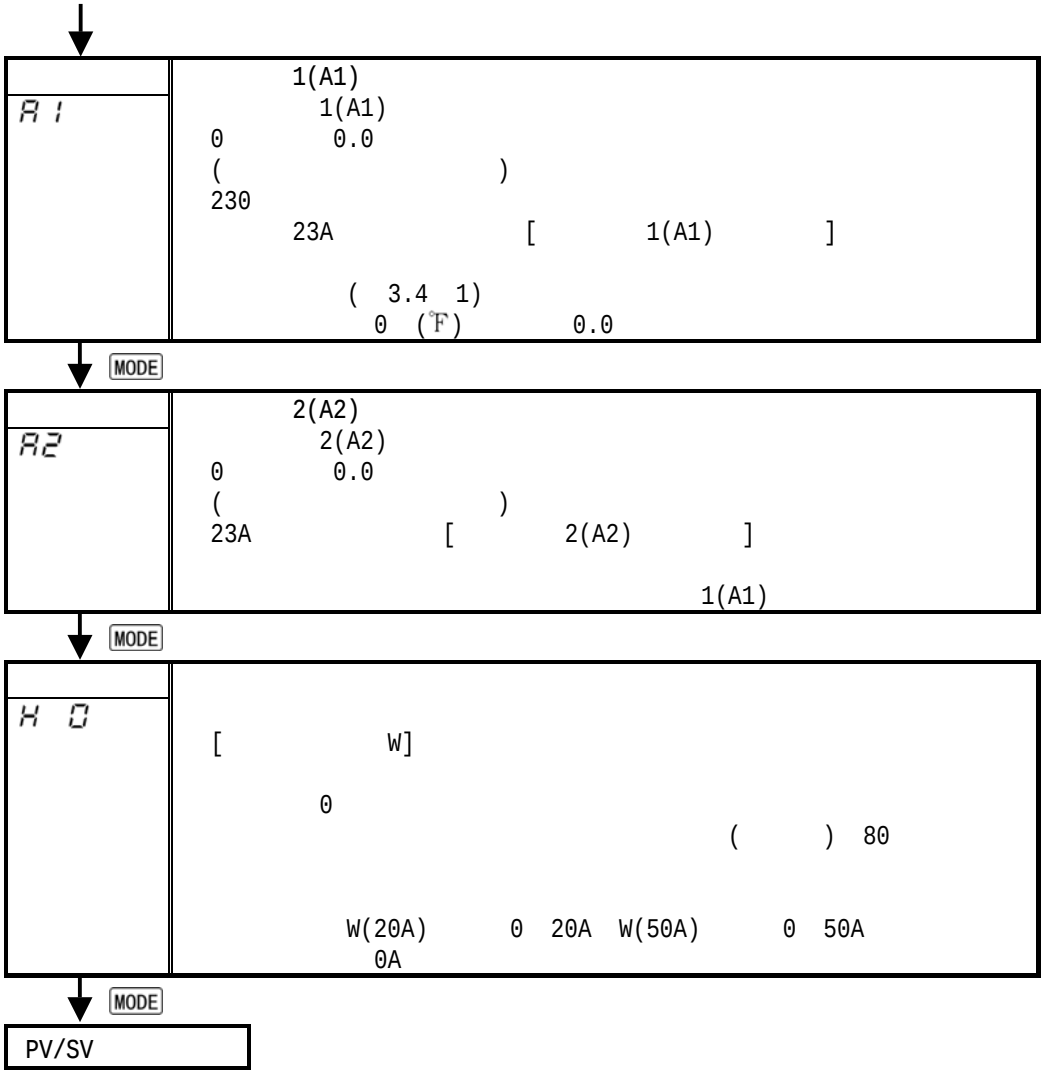
▲ MODE

▲ ▼ ( )

MODE


PV/SV
▲ MODE
AT
PID
MODE
PV/SV
P,I,D
OUT OFF
OFF
PID
MODE
AT
PV/SV
4
AT
MODE
P
(OUT1)
0 0.0 ON/OFF
0 999 (℉) 0.0 99.9
10 (20℉) 10.0
MODE


P_b
0.0 ON/OFF
[DR,DS,DA]
0.0 10.0 ( )
1.0
MODE
I
0
(PD)
0 999
200
MODE
d
0
(PI)
0 300
50
MODE
c
(OUT1)
ON/OFF
1 120
30
3
MODE
c_b
ON/OFF
[DR,DS,DA]
1 120
30
3
MODE

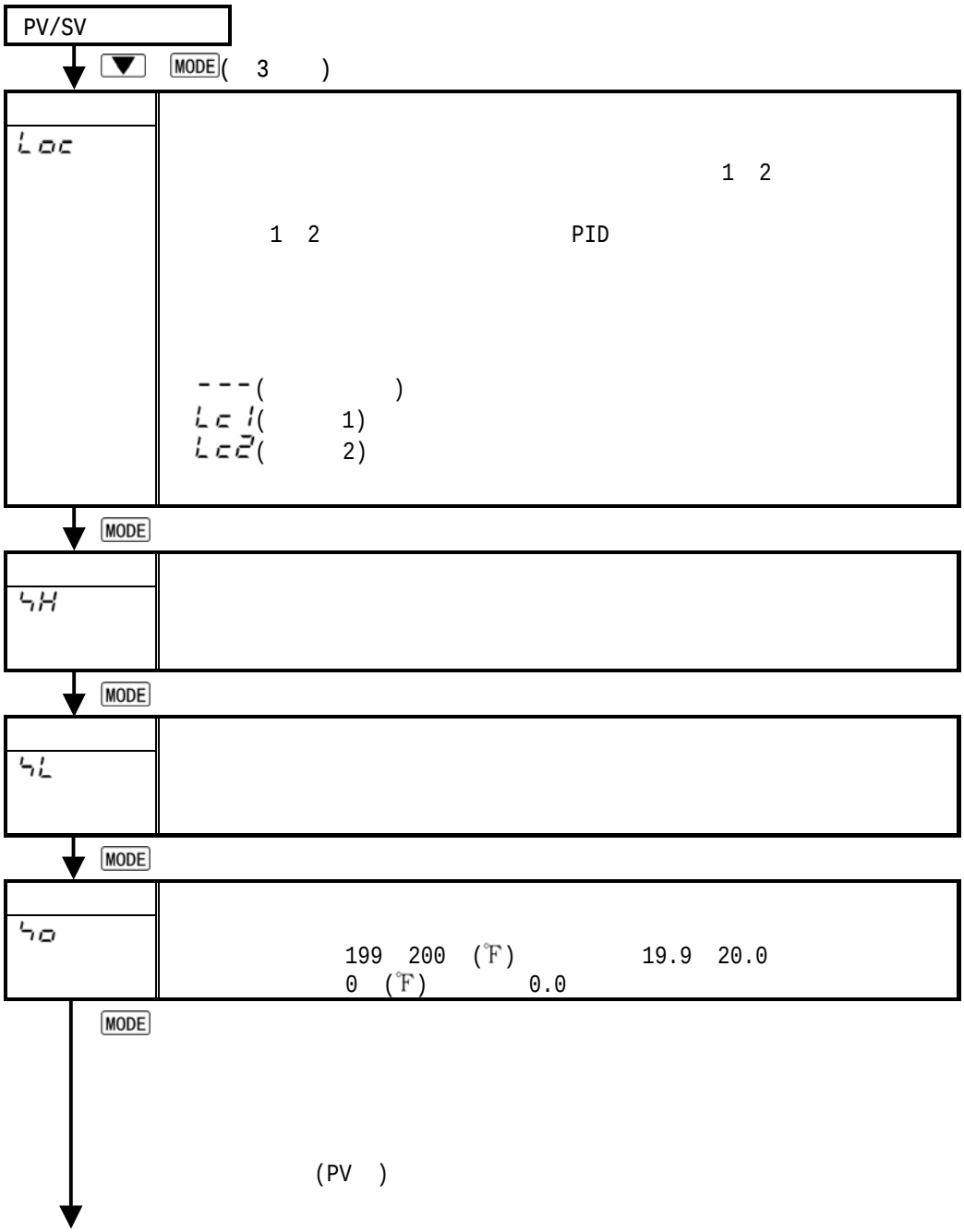


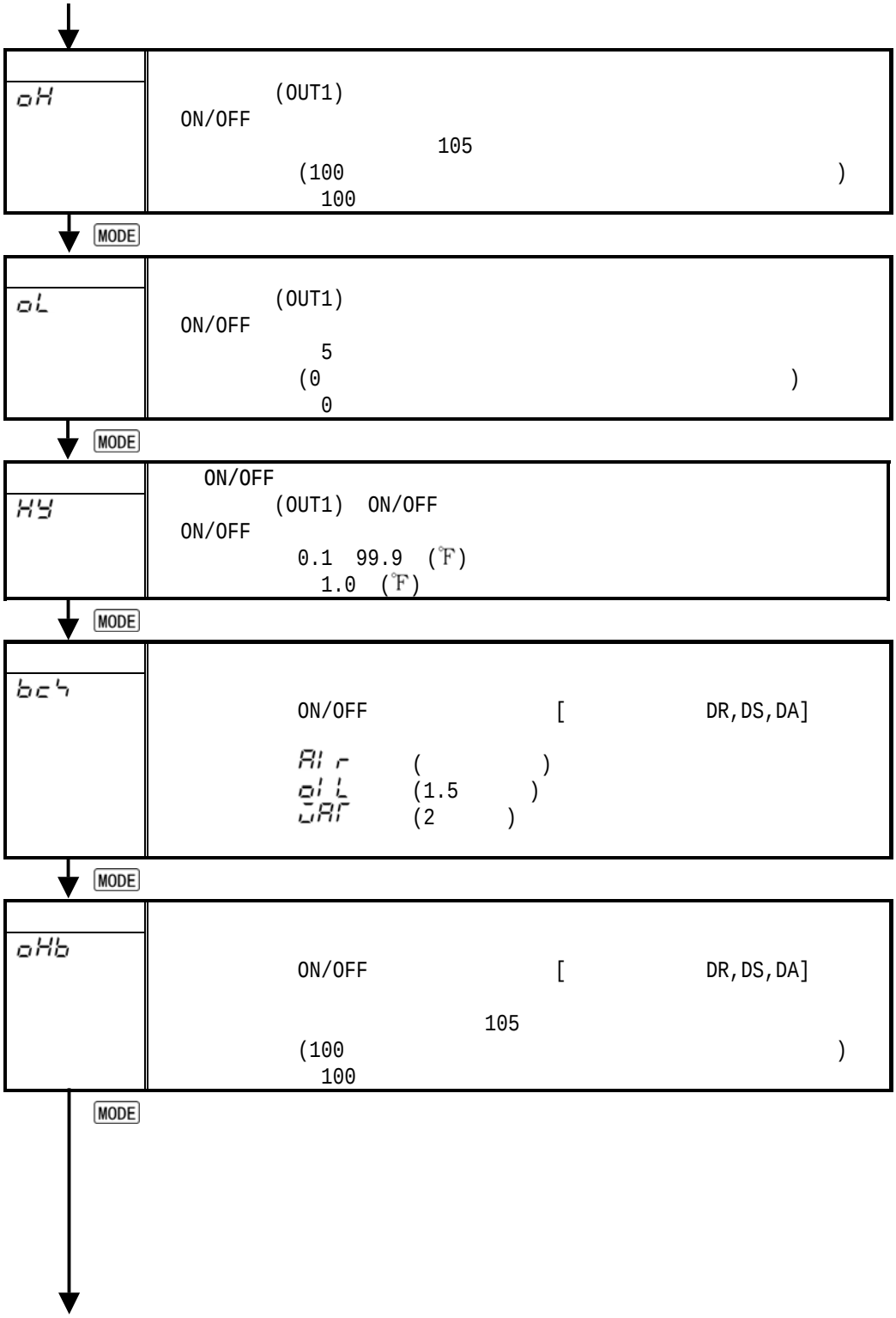
[1(A1) 2(A2)]
(3.4 1)

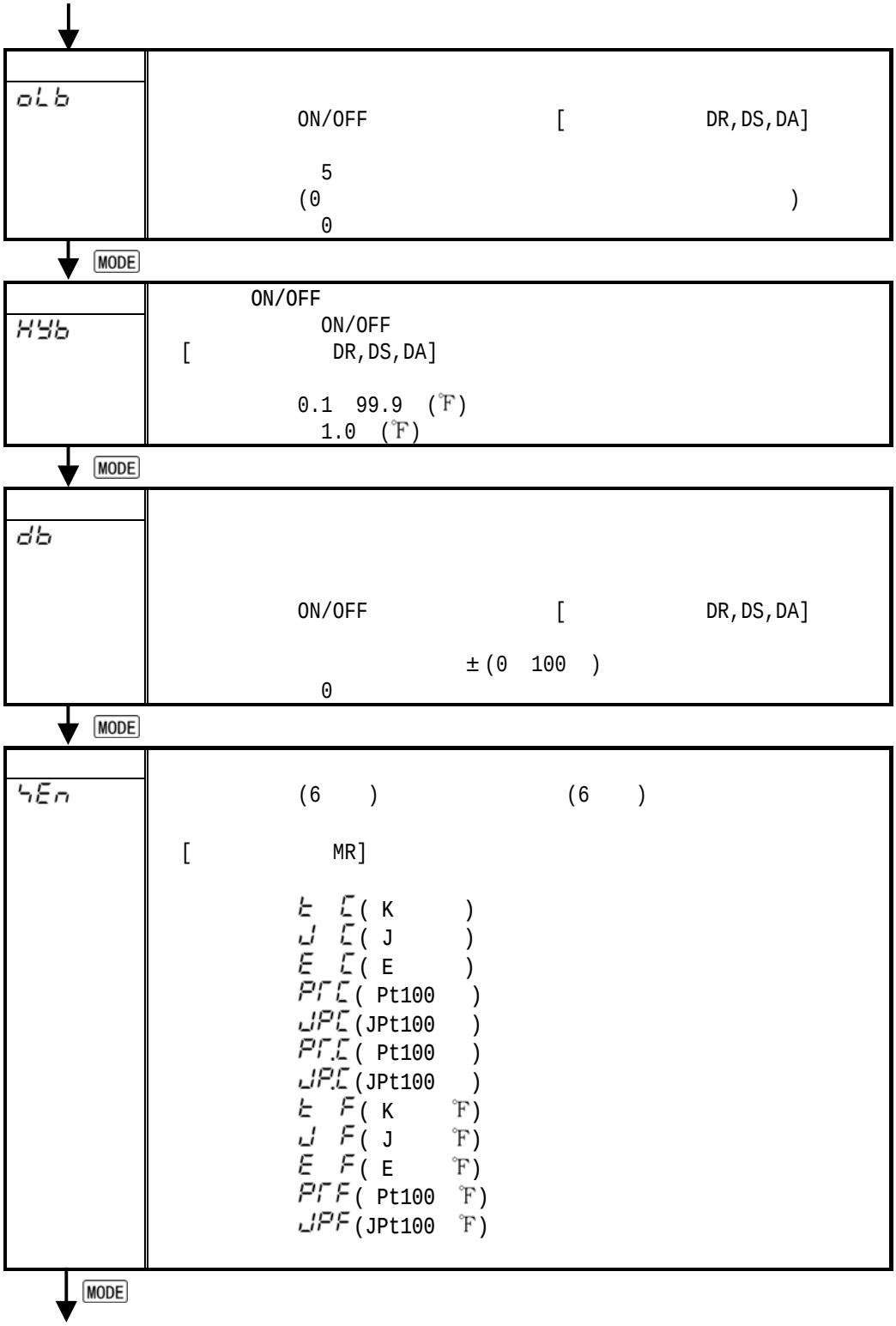
		( )
	199 (℉)	19.9 99.9
	199 (℉)	19.9 99.9
	±(0) (℉)	±(0.0 99.9)
	±(0) (℉)	±(0.0 99.9)
	(℉)	
	199 (℉)	19.9 99.9
	199 (℉)	19.9 99.9
	±(0) (℉)	±(0.0 99.9)

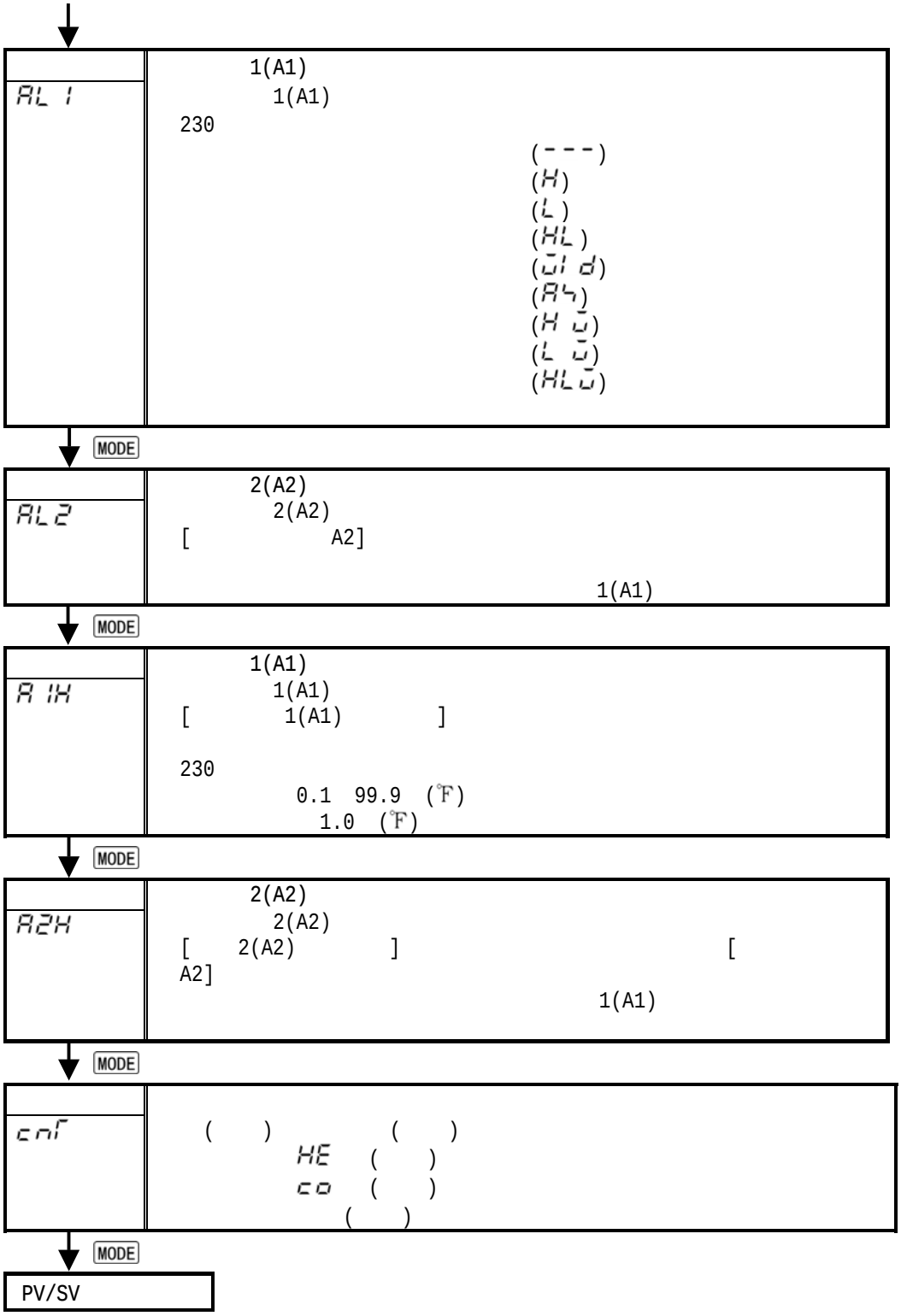
3.5

▼ 3 MODE
▲ ▼ ( )
MODE

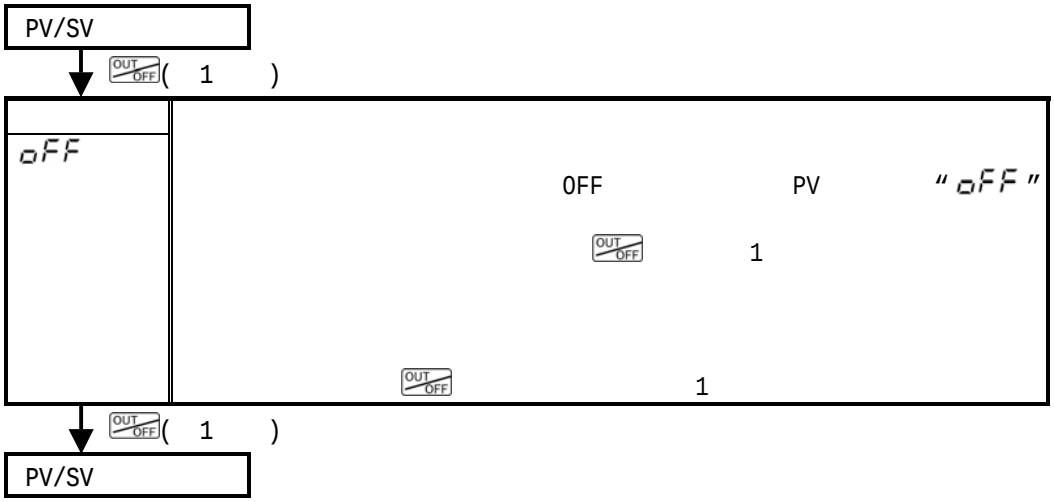



oH
(OUT1)
ON/OFF
105
(100)
100
MODE
oL
(OUT1)
ON/OFF
5
(0)
0
MODE
HY
ON/OFF
(OUT1) ON/OFF
ON/OFF
0.1 99.9 (℉)
1.0 (℉)
MODE
bch
ON/OFF [DR,DS,DA]
Air ( )
oil (1.5)
JAr (2)
MODE
oHb
ON/OFF [DR,DS,DA]
105
(100)
100
MODE


oLb
ON/OFF [DR,DS,DA]
5
(0)
0
MODE
HYb
ON/OFF
ON/OFF
[DR,DS,DA]
0.1 99.9 (℉)
1.0 (℉)
MODE
db
ON/OFF [DR,DS,DA]
±(0 100)
0
MODE
inP
(6) (6)
[MR]
tC(K)
JC(J)
EC(E)
PrC(Pt100)
JPC(JPt100)
Pr.C(Pt100)
JP.C(JPt100)
tF(K ℉)
JF(J ℉)
EF(E ℉)
PrF(Pt100 ℉)
JPF(JPt100 ℉)
MODE


AL 1
1(A1)
1(A1)
230
(---)
(H)
(L)
(HL)
(oFF)
(Ab)
(H o)
(L o)
(HL o)
MODE
AL2
2(A2)
2(A2)
[A2]
1(A1)
MODE
A1H
1(A1)
1(A1)
[1(A1)]
230
0.1 99.9 (℉)
1.0 (℉)
MODE
A2H
2(A2)
2(A2)
[2(A2)] [
A2]
1(A1)
MODE
cnF
( ) ( )
HE ( )
co ( )
( )
MODE
PV/SV

3.6



(1)GCD-200 GCR-200 ON
ON
2 PV SV
(4 1)
SV
LED OFF
PV SV
PV [oFF]
OUT/OFF 1

(4 1)

			℉	
	PV	SV	PV	SV
K	tC	400 999	tF	999
J	JC	400 999	JF	999
E	EC	600	EF	999
Pt100	PrC	400 999	PrF	999
JPt100	JPC	400 999	JPF	999

(2)
[3]

(3) ON
ON

(1) ( )

PV [ ]
OFF( )
PV 1 (℉)(0.1)
PV [ ] OFF(
)

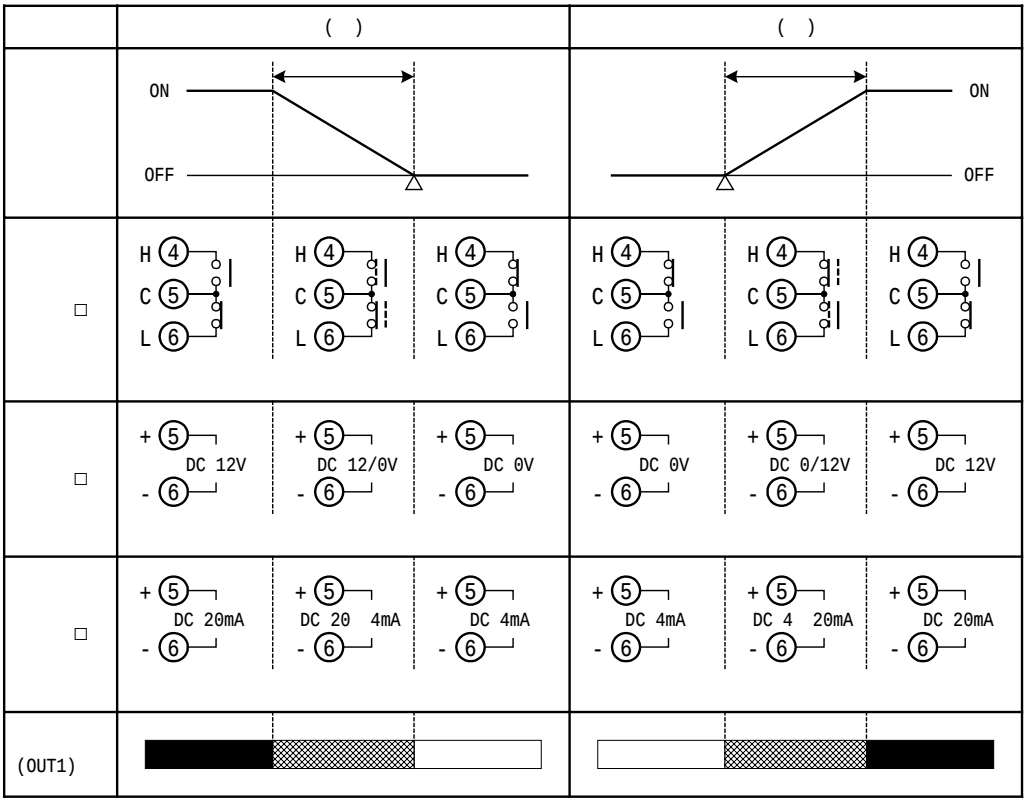
PV 50 (℉) PV [-
-] OFF(
)
PV 1 (℉)(
0.1) PV [- - -] OFF(
)

(2)
CPU CPU

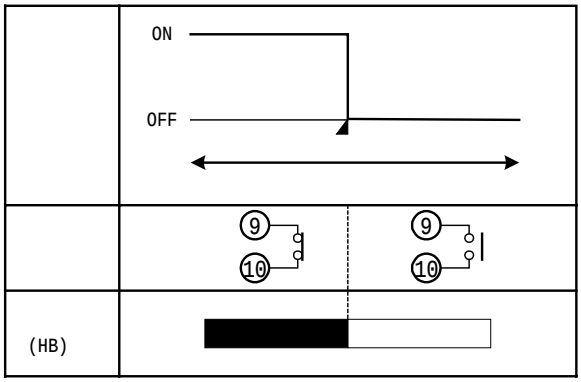
(3) ( )
0 (32℉)

(4)
IC

6.1

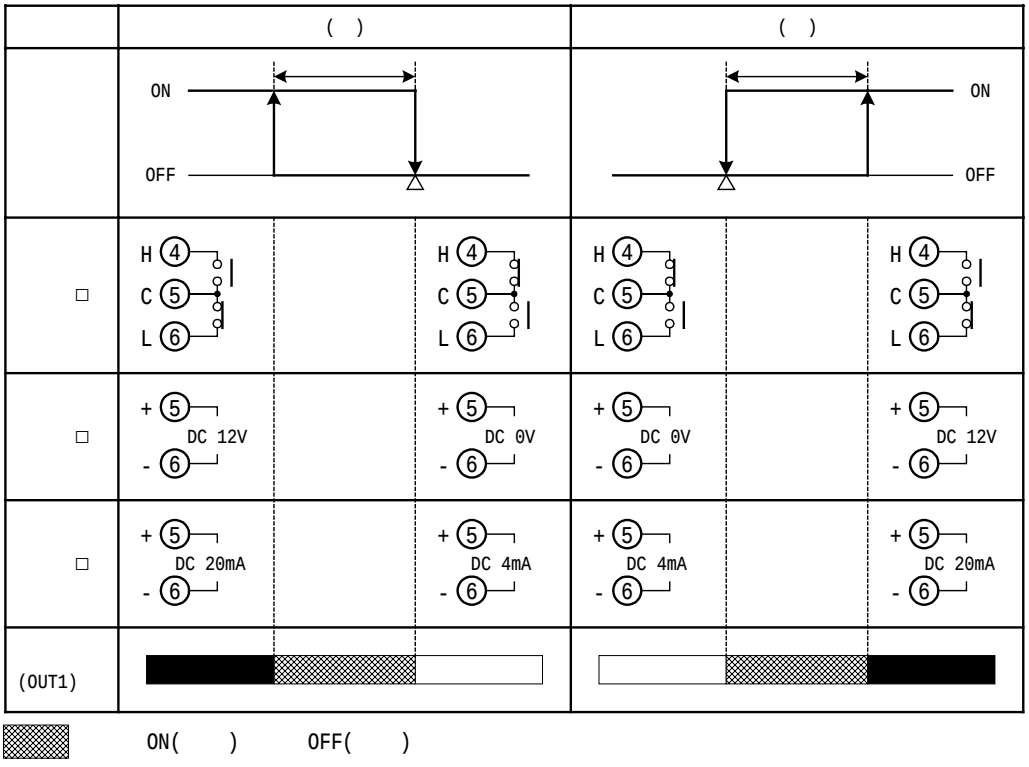

( )
( )
ON
OFF
ON
OFF
□
H 4
C 5
L 6
□
+ 5
- 6
DC 12V
DC 12/0V
DC 0V
DC 0V
DC 0/12V
DC 12V
□
DC 20mA
DC 20 4mA
DC 4mA
DC 4mA
DC 4 20mA
DC 20mA
(OUT1)
ON( )
OFF( )

6.2


ON
OFF
9
10
9
10
(HB)

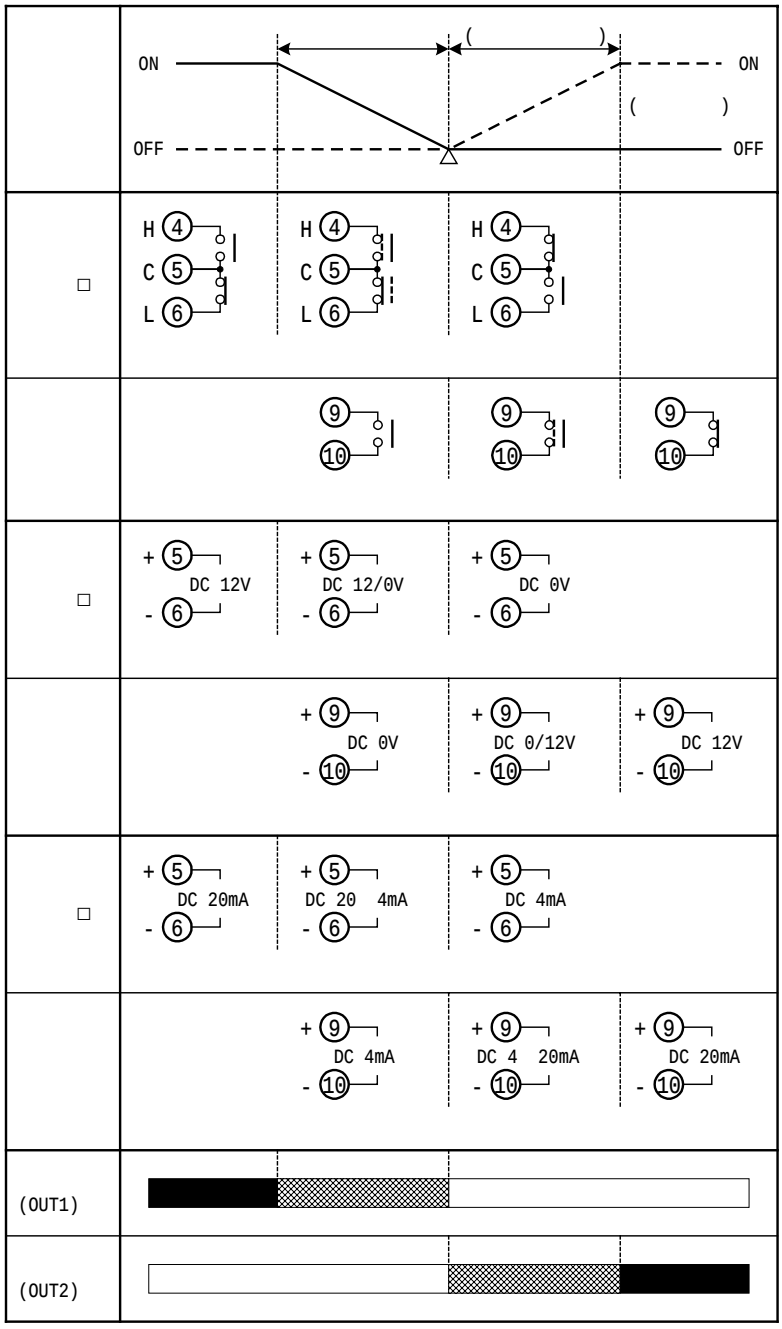
[ ]

6.3

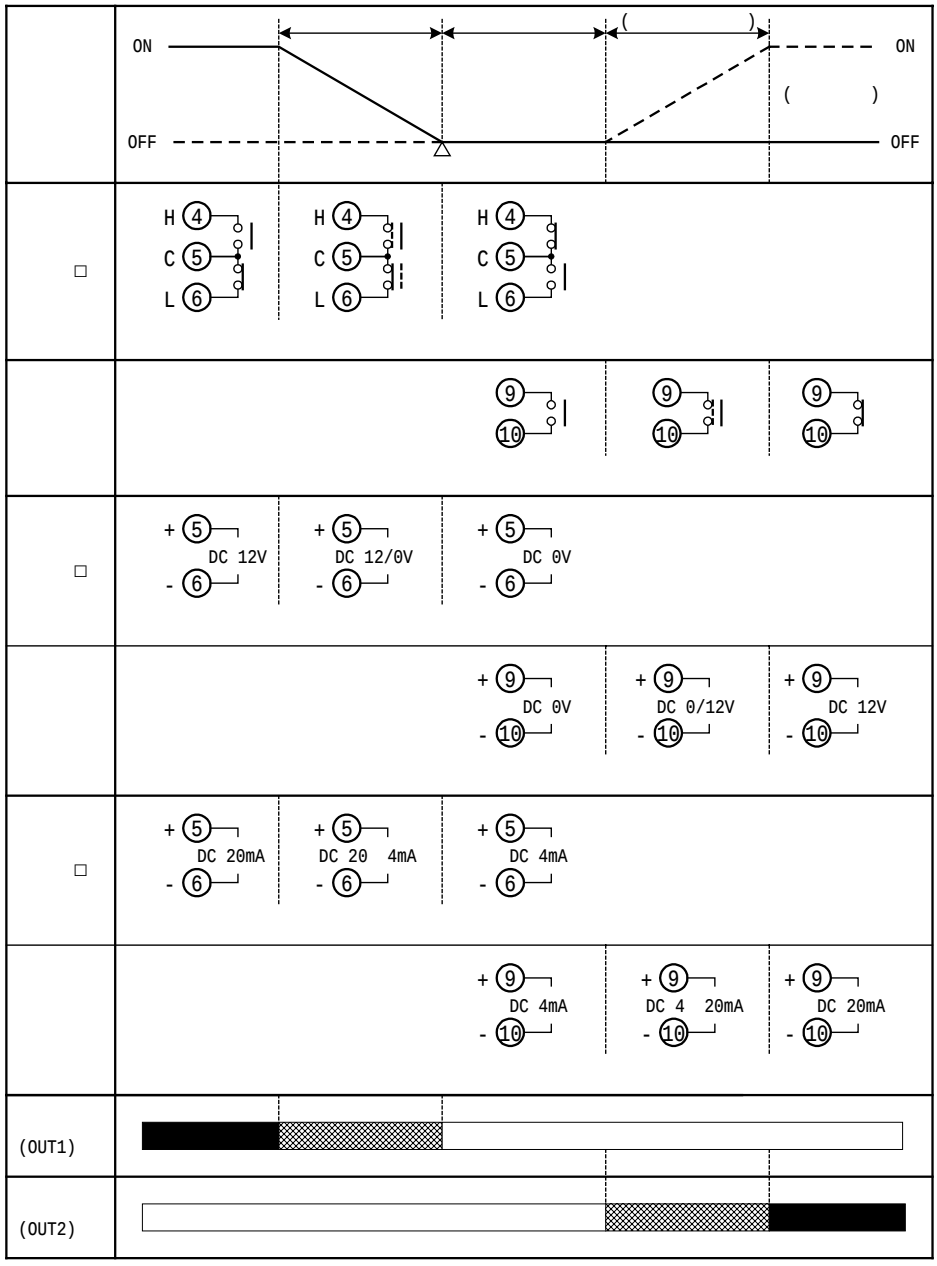

( )
( )
ON
OFF
ON
OFF
H 4
C 5
L 6
H 4
C 5
L 6
H 4
C 5
L 6
H 4
C 5
L 6
+ 5
DC 12V
- 6
+ 5
DC 0V
- 6
+ 5
DC 0V
- 6
+ 5
DC 12V
- 6
+ 5
DC 20mA
- 6
+ 5
DC 4mA
- 6
+ 5
DC 4mA
- 6
+ 5
DC 20mA
- 6
(OUT1)

ON( ) OFF( )

6.4 [ ]


( )
ON
ON
( )
OFF
OFF
H 4
C 5
L 6
9
10
+ 5
DC 12V
- 6
DC 12/0V
DC 0V
+ 9
DC 0V
DC 0/12V
DC 12V
DC 20mA
DC 20 4mA
DC 4mA
DC 4mA
DC 4 20mA
DC 20mA
(OUT1)
(OUT2)

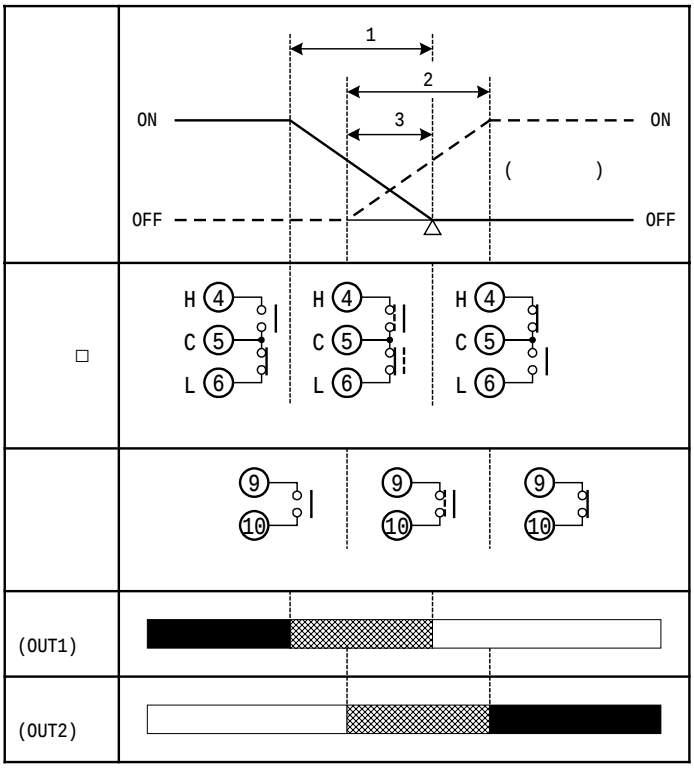
ON( ) OFF( )


ON
OFF
( )
( )
ON
OFF
H 4
C 5
L 6
9
10
+ 5
- 6
DC 12V
DC 12/0V
DC 0V
+ 9
- 10
DC 0V
DC 0/12V
DC 12V
DC 20mA
DC 20 4mA
DC 4mA
DC 4mA
DC 4 20mA
DC 20mA
(OUT1)
(OUT2)

ON( ) OFF( )

———

– – –



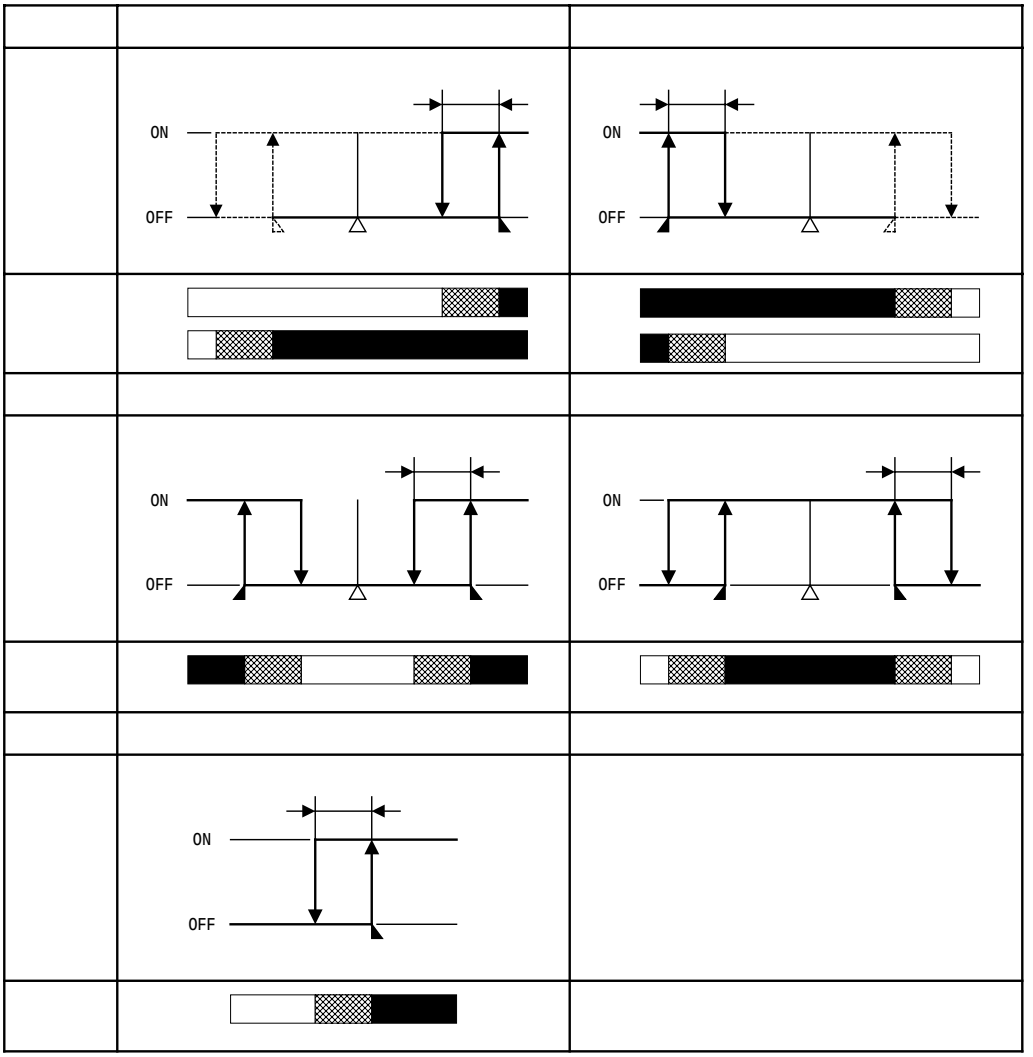
ON( ) OFF( )

*1

*2

*3

6.5 1(A1) 2(A2)



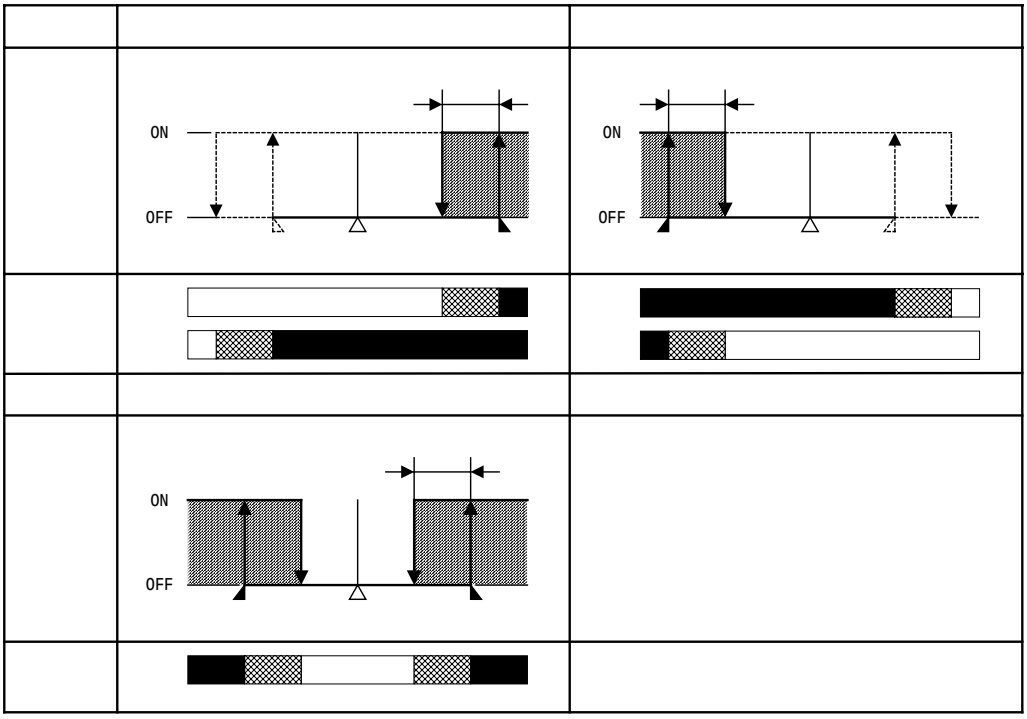
1(A1) ON

1(A1) ON OFF

1(A1) OFF

2(A2)

1(A1) 2(A2) ON OFF



1(A1) ON

1(A1) ON OFF

1(A1) OFF

2(A2)

1(A1) 2(A2) ON OFF

7.1 P I D
(1) (P)

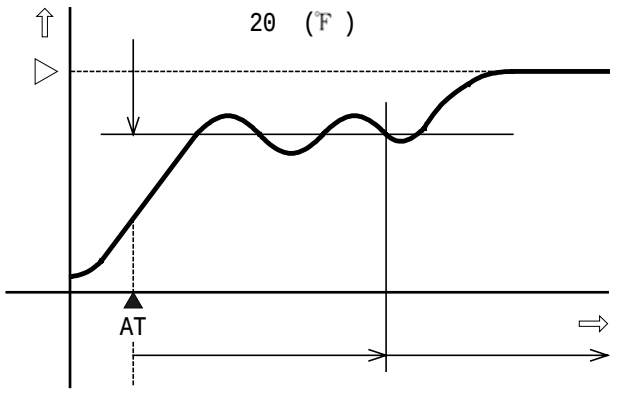
ON/OFF
( )

(2) (I)

(3) (D)

7.2 PID
PID P I D

(1) 20 (℉)



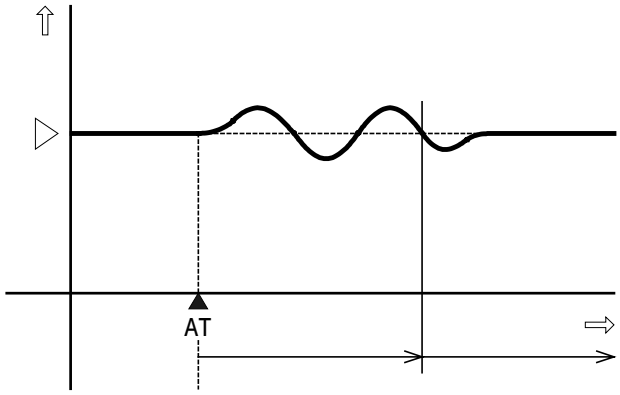
PID
PID

PID

▲AT:

(7.2 1)

(2) ±20 (℉)

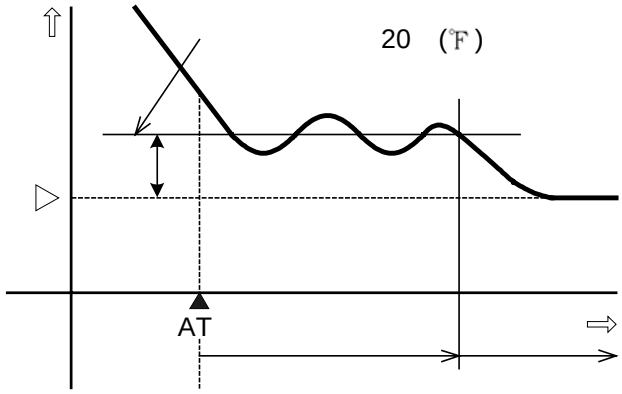


PID
PID
PID

▲AT:

(7.2 2)

(3) 20 (℉) 20 (℉)



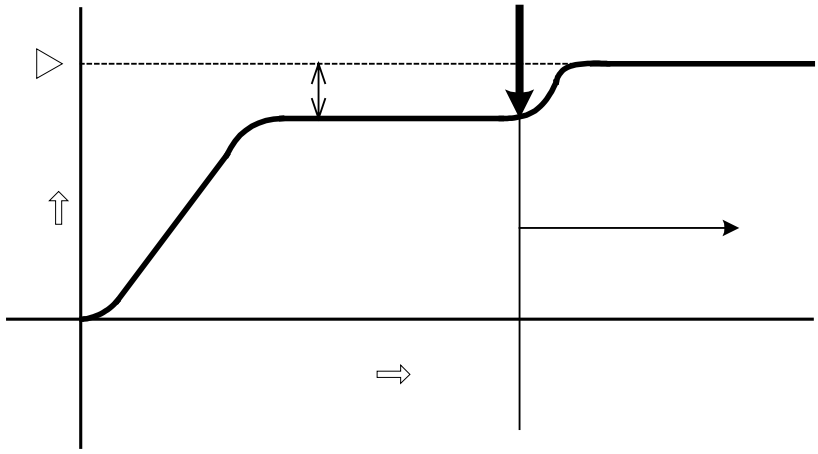
PID
PID
PID
AT

▲AT:

(7.2 3)

7.3 ( )
PD (PV)

(P) 0



(7.3 1)

8.1

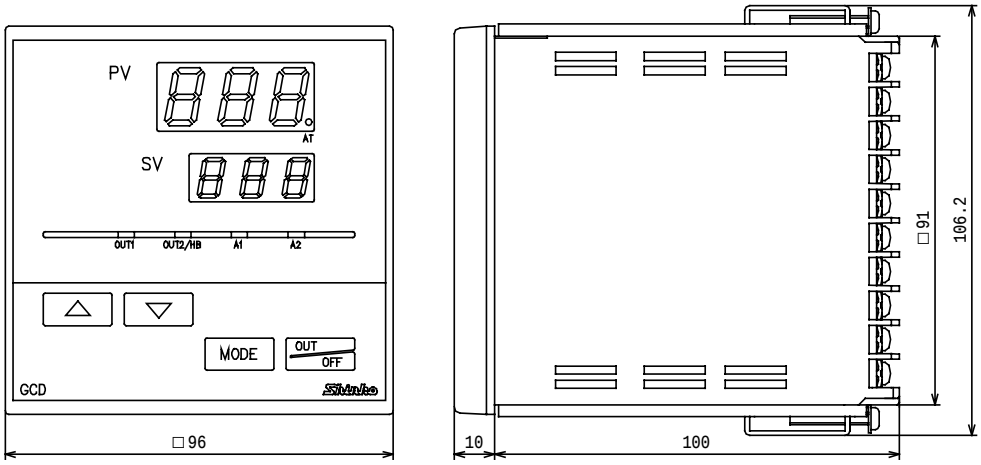
[(IEC61010-1)]

[ ]

0 50 (32 122 F)

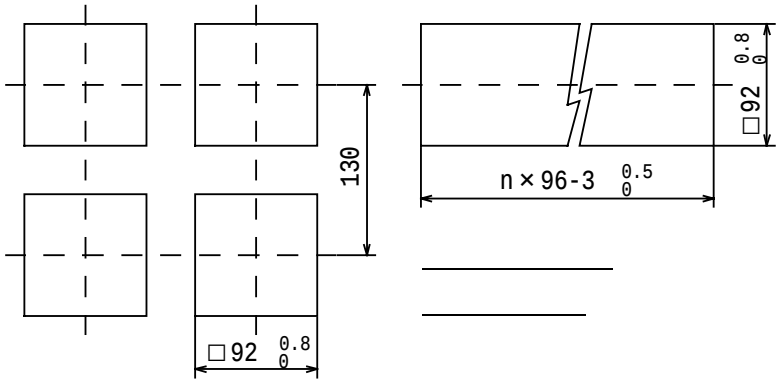
35 85 RH

8.2 (: mm) (GCD-200)



(8.2 1)

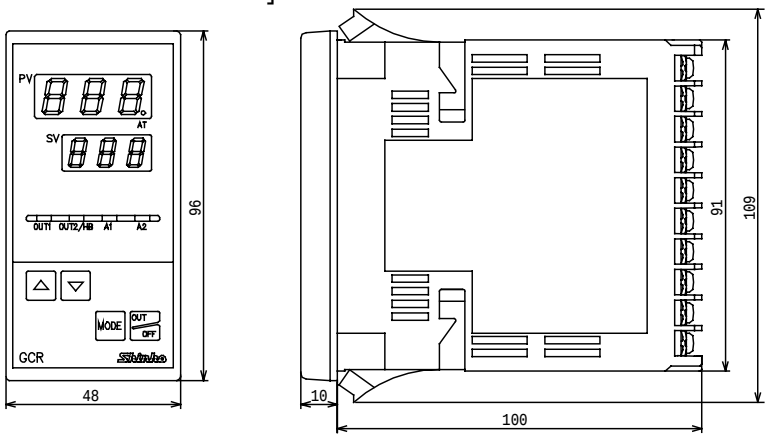
8.3 (: mm) (GCD-200)



(8.3 1)

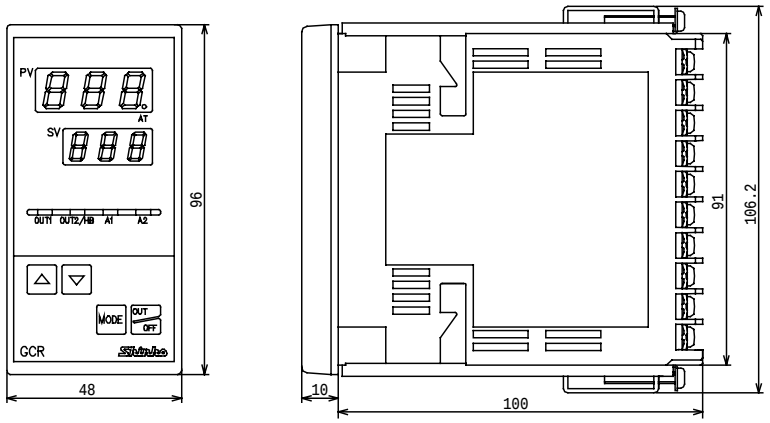
8.4 (: mm) (GCR-200)

[ ]



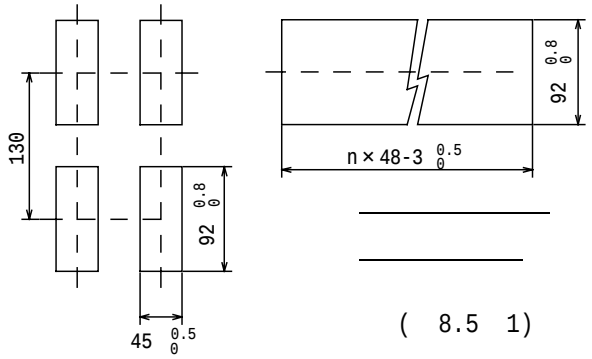
(8.4 1)

[ ]



(8.4 2)

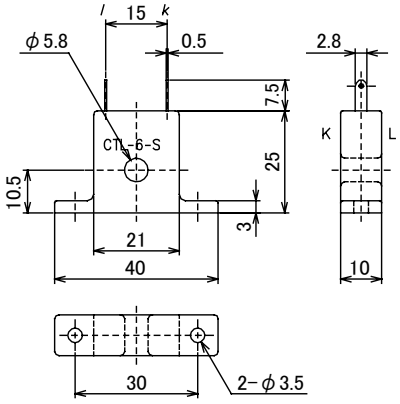
8.5 (: mm) (GCR-200)



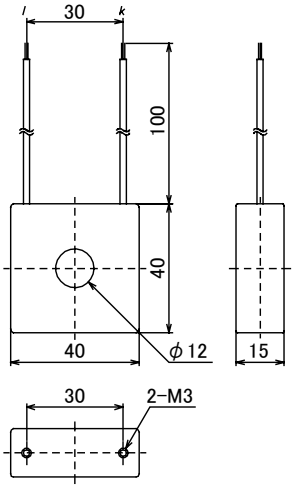
(8.5 1)

8.6 CT( ) (: mm) (GCD-200, GCR-200)

CTL-6S(20A用)



CTL-12-S36-10L1U(50A用)



(8.6 1)

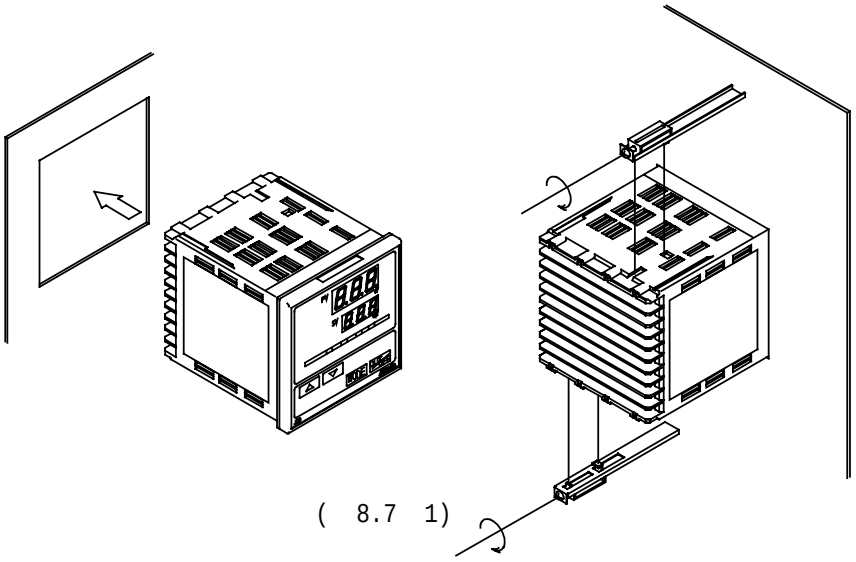
8.7

(GCR-200 GCD-200)

1 8mm

(FC-96-S FC-R-S) 1

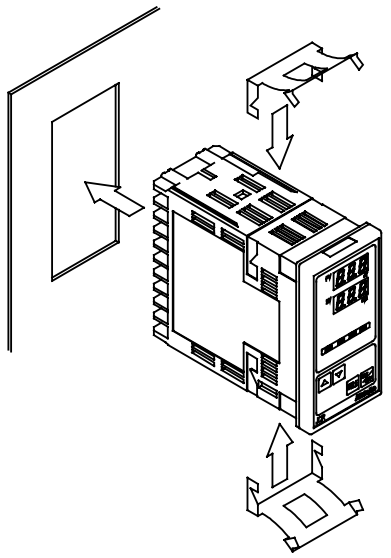
7.5mm



(8.7 1)

(GCR-200)
1 3mm

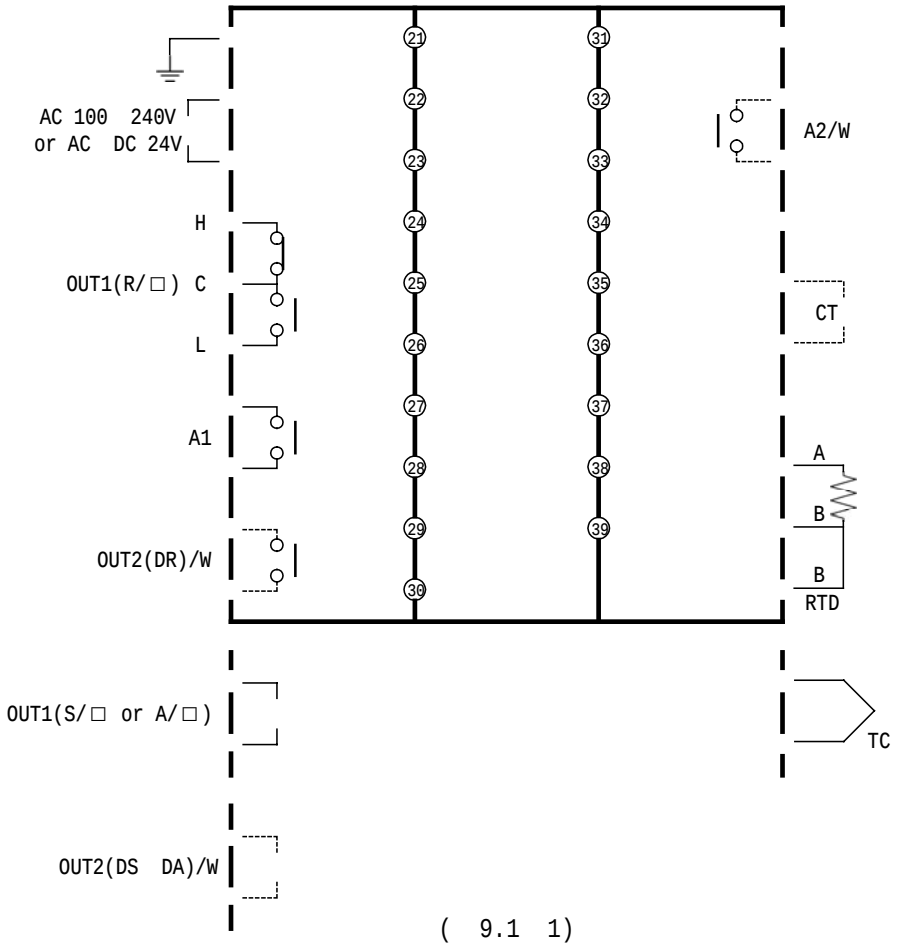
(FC-R-S)
1 2.5mm



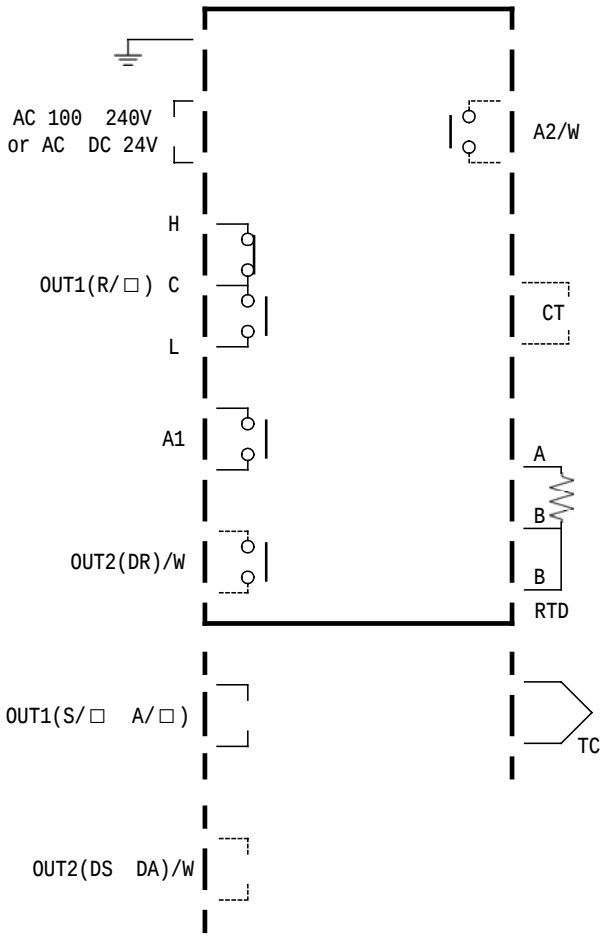
(8.7 2)

0.12N m

9.1


AC 100 240V
or AC DC 24V
H
OUT1(R/□) C
L
A1
OUT2(DR)/W
OUT1(S/□ or A/□)
OUT2(DS DA)/W
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
A2/W
CT
A
B
B
RTD
TC

(9.1 1)


AC 100 240V
or AC DC 24V
A2/W
H
OUT1(R/□) C
CT
L
A1
A
B
OUT2(DR)/W
B
RTD
OUT1(S/□ A/□)
TC
OUT2(DS DA)/W

(9.1 2)

□
□
□

1(A1)
2(A2)

( )

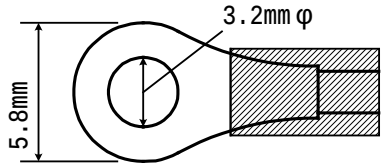
GCD-200 GCR-200

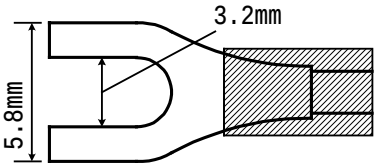
[A2] [W] [A2]
[W]
[A2] [DR,DS,DA] [A2]
[DR,DS,DA]
[DR,DS,DA] [W] [DR,DS,DA]
[W]

■

M3
0.63N m

Y		TMEV 1.25Y-3	0.63N m
		VD1.25-B3A	
		TMEV 1.25-3	
		V1.25-3	





9.2

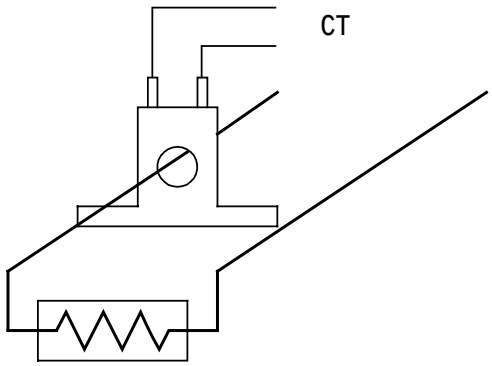
3

(250V 2A)
AC/DC 24V DC

( )
(1.25 2.0mm^2)

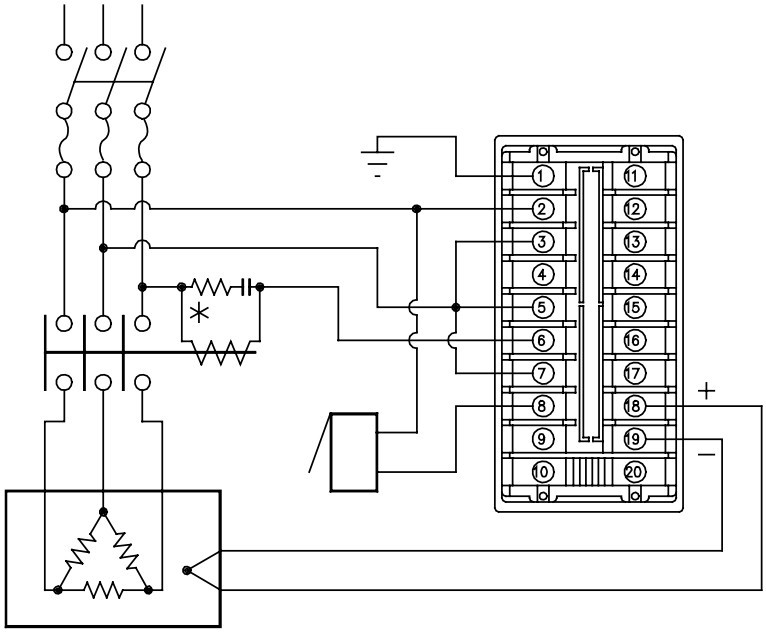
[ ]

1



(9.2 1)

[- -]



(9.2 2)

24V AC/DC DC

10.1 (GCD-200 GCR-200)

GCD-200 PV----- LED3 14.3×8mm(×)
SV----- LED3 10×5.5mm(×)
GCR-200 PV----- LED3 10×5.5mm(×)
SV----- LED3 8×4mm(×)
( ) ±0.3 ±1
±2 (4 F)

K J	0 400	1
	0 999	
	0 999 F	1F
E	0 600	1
	0 999 F	1F
Pt100 JPt100	199 400	1
	19.9 99.9	0.1
	199 999 F	1F

0.25 (W 0.5)
--------- K J E 100Ω
----- Pt100 JPt100 3
(1 10Ω)
(OUT1) 1a1b
AC 250V 3A( )
AC 250V 1A(cosφ=0.4)
10
(SSR)
DC 12 V 40mA( )
SSR(SA-200) 4

DC 4 20mA 550Ω
1(A1) ± ( )
ON OFF( )

ON/OFF
0.1 99.9 (F)
1a
AC 250V 3A( )
AC 250V 1A(cosφ=0.4)
10

PID ( )
(P) 0 999 (℉) 0 ON/OFF
0.0 99.9 (℉) 0.0 ON/OFF
(I) 0 999 (0)
(D) 0 300 (0)
1 120 ( )
PD ( )
(P) 0 999 (℉) 0 ON/OFF
0.0 99.9 (℉) 0.0 ON/OFF
(D) 0 300 (0)
1 120 ( )
ON/OFF
0.1 99.9 (℉)

AC 100 240V 50/60Hz AC/DC 24V 50/60Hz
AC 100 240V AC 85 264V
AC/DC 24V AC/DC 20 28V
0 50 (32 122℉)
35 85 RH( )
8VA
DC 500V 10MΩ
(SSR
CT)
AC 1.5kV 1
AC 1.5kV 1
AC 1.5kV 1
AC 1.5kV 1
AC 1.5kV 1

GCD-200 360g
GCR-200 210g
GCD-200 96×96×100mm(W×H×D)
GCR-200 48×96×100mm(W×H×D)

( )

1
1
CTL-6S [W(20A)]
CTL-12-S36-10L1U [W(50A)]
GCD-200 2 (TC)
GCR-200 1 (TC)

10.2 (GCD-200 GCR-200)
2(A2)( )
± ( )
ON OFF( )
[W] [DR,DS,DA] [A2]

ON/OFF
0.1 99.9 (℉)
1a AC 250V 3A( )
AC 250V 1A(cos φ=0.4)
10

( )
(CT)
[A2] [DR,DS,DA] [W]

[W]
[W] 0.5

20A 50A
±5
ON/OFF
1a
AC 250V 3A( ) AC 250V 1A(cos φ=0.4)
10

(□)
[A2] [W] [DR,DS,DA]

(OUT1)
0.0 10.0 (0.0 ON/OFF)

1 120
±(0 100)
[ ] 1a
AC 250V 3A( )
AC 250V 1A(cos φ=0.4)
10
[ ] (SSR)
DC 12 V 40mA( )
[ ]
DC 4 20mA 550Ω
( ) (1.5) (2)

( )
K,J,E,Pt100,JPt100 ℉

( )
1 8mm (GCR-200 GCD-200)

( )

( )

(IP54)( )
(IP54)
( )

PD ON/OFF

PV oFF	OUT/OFF 1
PV [ ]	(A-B) 100 Ω (B-B) 0 (32 F)

PV [- - -]	(A,B,B)
PV	

P,I,D 	1 2 4
	

ON	100
OFF	0

[ ]

sv		0 (℉) 0.0	

[ ]

AT			
rsT			
P		10 (20℉) 10.0	
P_b		1.0	
I		200	
d		50	
c		R □ 30 S □ 3	
c_b		R □ 30 S □ 3	
A1	1(A1)	0 (℉) 0.0	
A2	2(A2)	0 (℉) 0.0	
H 0		0A	

[ ]

Loc			
svH			
svL			
svo		0 (℉) 0.0	
oH		100	
oL		0	
HY	ON/OFF	1.0 (℉)	
bcs		( )	
oHb		100	
oLb		0	
HYb	ON/OFF	1.0 (℉)	
db	/	0	
svEn	( )		
AL1	1(A1)		
AL2	2(A2)		
A1H	1(A1)	1.0 (℉)	
A2H	2(A2)	1.0 (℉)	
cnf			

( )

№ ○ ○ ○ ○ ○ ○

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