Autonics

Weekly/Yearly Timer
LE365S-41

M A N U A L

CE c(UL)us

Thank you very much for selecting Autonics products.
For your safety, please read the following before using.

■ Caution for your safety

※Please keep these instructions and review them before using this unit.

※Please observe the cautions that follow;

⚠ **Warning** Serious injury may result if instructions are not followed.

⚠ **Caution** Product may be damaged, or injury may result if instructions are not followed.

※The following is an explanation of the symbols used in the operation manual.
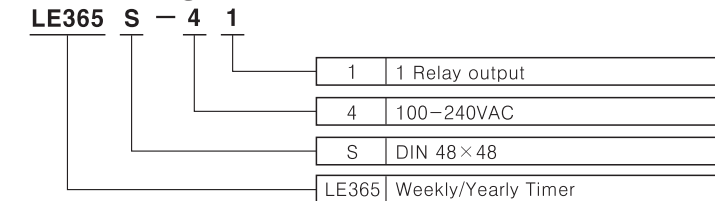⚠ caution:Injury or danger may occur under special conditions.

⚠ Warning

1. **In case of using this unit with machinery(Nuclear power control, medical equipment,vehicle, train, airplane, combustion apparatus, entertainment or safety device etc), it is required to install fail-safe device.**
   It may cause a fire, human injury or damage to property.
2. **It should be mounted on Panel to use.**
   It may give an electric shock.
3. **Do not connect, inspect and repair when power is ON.**
   It may give an electric shock.
4. **Do not disassemble or modify this unit. Please contact us if it is required.**
   It may give an electric shock and cause a fire.
5. **Lithium battery is used for memory protection in this product, therefore do not disassemble or burn up. Please contact Autonics to replace battery.**
   It may cause an explosion.
6. **Safe using for battery**
   This battery has combustibles including lithium organic solvent, it may cause a fire, exothermicity, leakage and explosion, please keep the following.
   ①Do not charge, short, disassemble, transform, heating and throw in a fire.
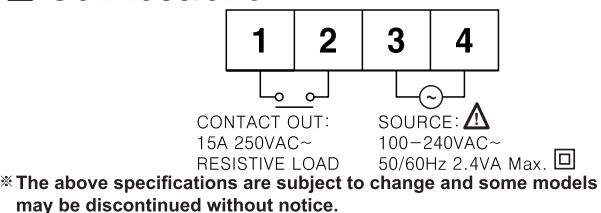   ②Do not solder on a battery directly.

⚠ Caution

1. **This unit shall not be used outdoors.**
   It might shorten the life cycle of the product or give an electric shock.
2. **Please use power input terminal wire over AWG NO. 20(0.50mm²), relay output terminal wire over AWG NO. 14(2.50mm²) and tighten terminal screw with 0.74~0.90N・m strength.**
   It may cause a malfunction or fire due to contact failure.
3. **Please observe the rated specifications.**
   It might shorten the life cycle of the product and cause a fire.
4. **In cleaning the unit, do not use water or an organic solvents.**
   It may give an electric shock and fire.
5. **Do not use this unit at place where there are flammable or explosive gas, humidity, direct ray of the sun, radiant heat, vibration and impact etc.**
   It may cause a fire or explosion.
6. **Do not inflow dust or wire dregs into the unit.**
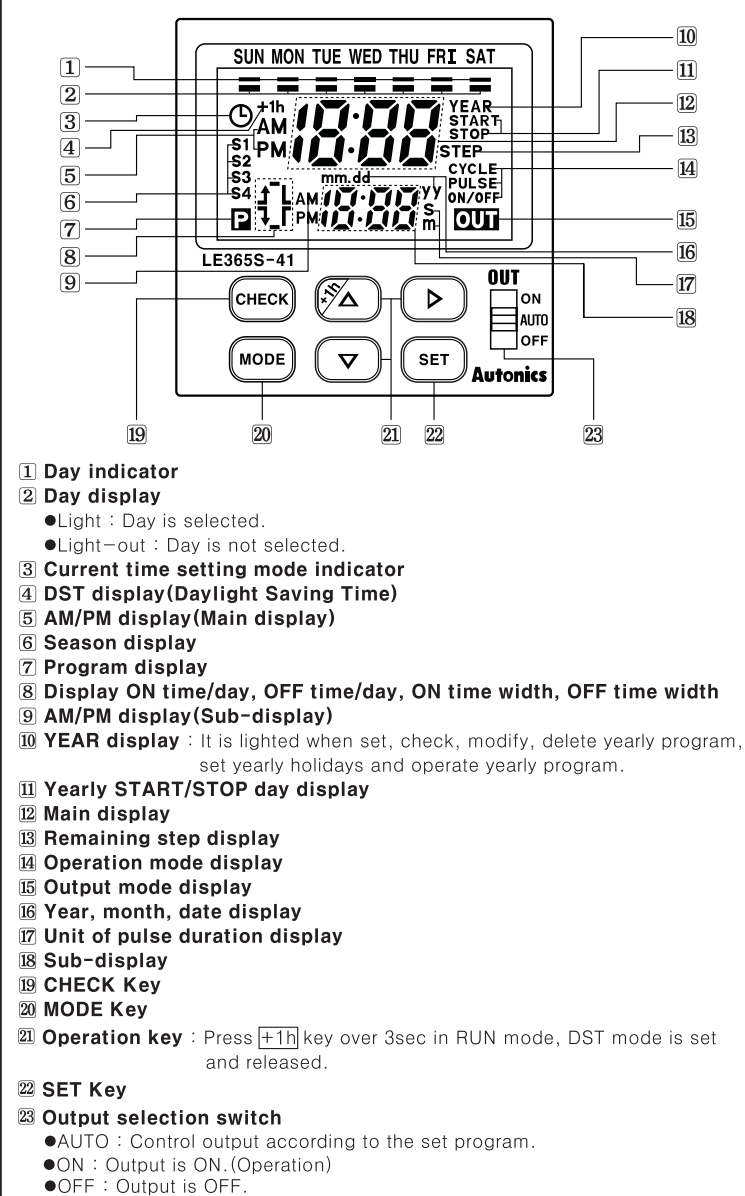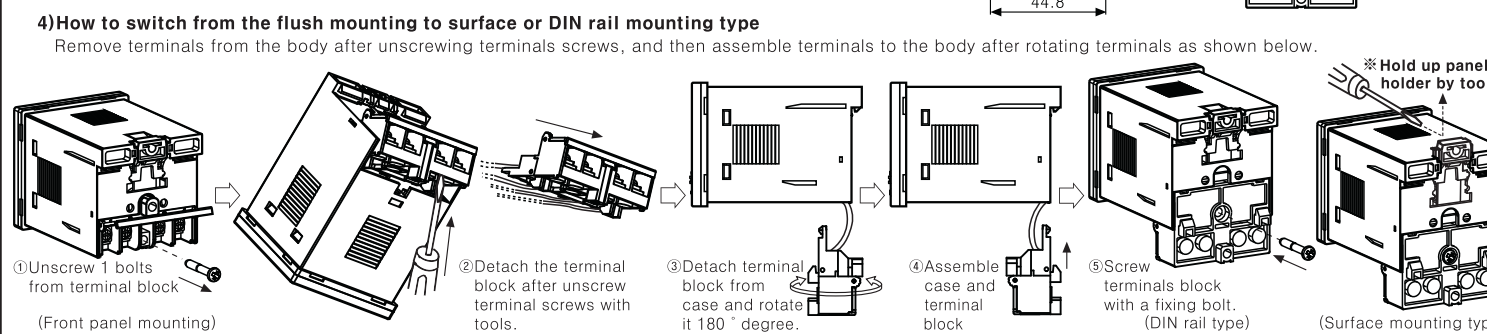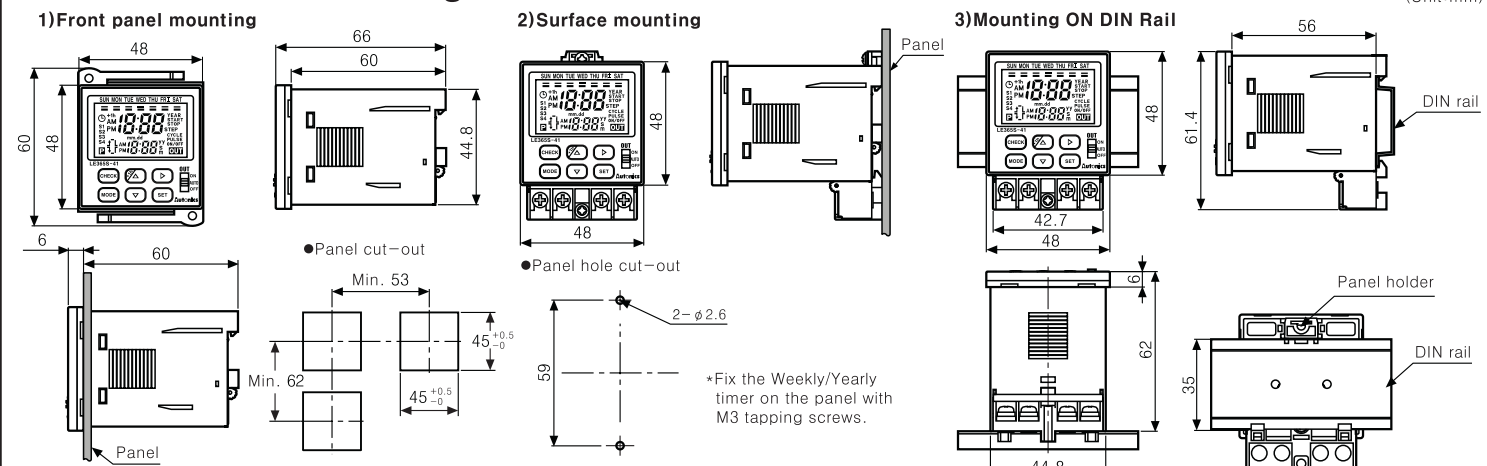   It may cause a fire or malfunction.

■ Ordering information

LE365 S — 4 1

1	1 Relay output
4	100–240VAC
S	DIN 48×48
LE365	Weekly/Yearly Timer

■ Connections

1	2	3	4

CONTACT OUT:
15A 250VAC~
RESISTIVE LOAD

SOURCE:⚠
100–240VAC~
50/60Hz 2.4VA Max.

※The above specifications are subject to change and some models may be discontinued without notice.

■ Front panel identification

LE365S-41

CHECK   MODE   SET   ▷   △ ▽   Autonics

OUT: ON / AUTO / OFF

① Day indicator
② Day display
   ●Light : Day is selected.
   ●Light-out : Day is not selected.
③ Current time setting mode indicator
④ DST display(Daylight Saving Time)
⑤ AM/PM display(Main display)
⑥ Season display
⑦ Program display
⑧ Display ON time/day, OFF time/day, ON time width, OFF time width
⑨ AM/PM display(Sub-display)
⑩ YEAR display : It is lighted when set, check, modify, delete yearly program, set yearly holidays and operate yearly program.
⑪ Yearly START/STOP day display
⑫ Main display
⑬ Remaining step display
⑭ Operation mode display
⑮ Output mode display
⑯ Year, month, date display
⑰ Unit of pulse duration display
⑱ Sub-display
⑲ CHECK Key
⑳ MODE Key
㉑ Operation key : Press +1h key over 3sec in RUN mode, DST mode is set and released.
㉒ SET Key
㉓ Output selection switch
   ●AUTO : Control output according to the set program.
   ●ON : Output is ON.(Operation)
   ●OFF : Output is OFF.

■ Specifications

Model	LE365S-41	
Power supply	100–240VAC 50/60Hz	
Allowable voltage range	90 to 110% of rated voltage	
Power consumption	Max. 2.4V	
Control Output	Contact type	SPST(Single Pole Single Contact)
	Contact capacity	250VAC 15A resistive load
	Number of circuits	Independent 1 circuits(1a)
Number of steps	48 steps for weekly, 24 steps for yearly	
Operation mode	ON/OFF mode, Cycle mode, Pulse mode	
Mounting	Front panel mounting, Surface mounting, DIN rail mounting	
Time deviation	±15sec/month(Ta:25℃)	
Temperature error	0.01% ±0.05sec	
Memory protection	Over 5 years(25℃)	
Insulation resistance	Min. 100MΩ(at 500VDC)	
Dielectric strength	2000VAC 50/60Hz for 1minute	
Noise strength	±2kV the square wave noise(pulse width:1㎲) by the noise simulator	
Relay life cycle	Mechanical	Min. 5,000,000 operations(Switching capacity 30 times/1 minute)
	Electrical	50,000 operations(Switching capacity 20 times/1 minute, at 250VAC 15A(resistive load))
Ambient temperature	−10 ~ +55℃(at non-freezing status)	
Ambient humidity	35 ~ 85%RH	
Storage temperature	−25 ~ +65℃(at non-freezing status)	
Approval	CE, c(UL)us	
Unit weight	Approx. 110g	

■ Functions

○Definitions
●Record : A part of program that controls output operation.
●Step : Basic component of Record.

○Operation mode
If the operation mode of Program1 (Program2) is set on Pulse mode initially, the Pulse mode is fixed for additional programs.

●**Weekly ON/OFF mode**
Output operation by ON/OFF set time.
• Min. time setting unit : 1 min.
• Able to set ON/OFF day separately.
• One Record in two Steps
(ON day/ON time, OFF day/OFF time)

ON Time   OFF Time

●**Weekly Cycle mode**
Output turns ON for ON time and turns OFF for OFF time. And the ON/OFF cycle is repeated.
• Range of ON/OFF time : 1 min.~12:59
• One Record in three Steps(ON day/ON time, OFF day/OFF time, ON width/OFF width)

OFF width
ON Time ON width OFF Time

●**Weekly Pulse mode**
Output turns ON at ON time for a specified pulse width. (Pulse width : 1~59sec, 1~60min)
• One Record in two Steps(ON day/ON time, Pulse width)

Pulse width (1~59sec, 1~60min)
ON Time

●**Yearly ON/OFF mode**
Output turns ON at ON time on START date and turns OFF at OFF time on STOP date.
• One Record in three Steps(START/STOP date, ON/OFF time)

●**Yearly Pulse mode**
Output turns ON at ON time on START date and turns OFF at OFF time on STOP time for a specified pulse width repeatedly.
• One Record in three Steps(START/STOP date, ON time, Pulse width)

■ Dimensions & Mounting

(Unit:mm)

1)Front panel mounting

●Panel cut-out

Min. 53 / Min. 62 / 45⁺⁰·⁵₋₀ / 45⁺⁰·⁵₋₀ / 59 / 2-φ2.6

2)Surface mounting

●Panel hole cut-out

*Fix the Weekly/Yearly timer on the panel with M3 tapping screws.

3)Mounting ON DIN Rail

DIN rail / Panel holder

4)How to switch from the flush mounting to surface or DIN rail mounting type
Remove terminals from the body after unscrewing terminals screws, and then assemble terminals to the body after rotating terminals as shown below.

①Unscrew 1 bolts from terminal block
(Front panel mounting)
②Detach the terminal block after unscrew terminal screws with tools.
③Detach terminal block from case and rotate it 180° degree.
④Assemble case and terminal block
⑤Screw terminals block with a fixing bolt. (DIN rail type)
(Surface mounting type)
※Hold up panel holder by tools.

○Program operation

Weekly program setting 1
Weekly program setting 2
Yearly program setting 1
Output operation
① ② ③ ④ ⑤ ⑥

●① ~ ② : Operated by weekly program setting1
●② ~ ③ : Operated by weekly program setting2
●④ ~ ⑤ : Operated by weekly program setting1
●⑤ ~ ⑥ : Operated by yearly program setting1
(During weekly program operation at "START date AM 12:00(⑤)", the weekly program operation stops, and it changes to yearly program operation mode. The yearly program operation stops at "12:00AM on the next day of STOP date(⑥)".)

●Display and change of next mode
●The day of next mode in program is displayed on the day indicator, and the time of next mode is displayed on the lower row of screen.
●In ON/OFF or Cycle mode, set ON time and OFF time to next mode. In Pulse operation mode, set Pulse ON time to next mode.

●Power restore mode
In setting group 2-LEVEL 2("rEt" is lighted, "At" or "nor" are flashed), select Auto("At") or Normal("nor") by ▲ or ▼ keys and press SET key to set.
●Auto("At") power restore mode
Output(OUT1, OUT2) operates according to program when power turns on again after power failure.
●Normal("nor") power restore mode
When power turns on again after power failure, output is kept OFF and "rln" is flashed on the lower row of screen and power restore input(press SET key over 3 sec., in RUN mode) is applied, "rln" is light out and output operates according to program.
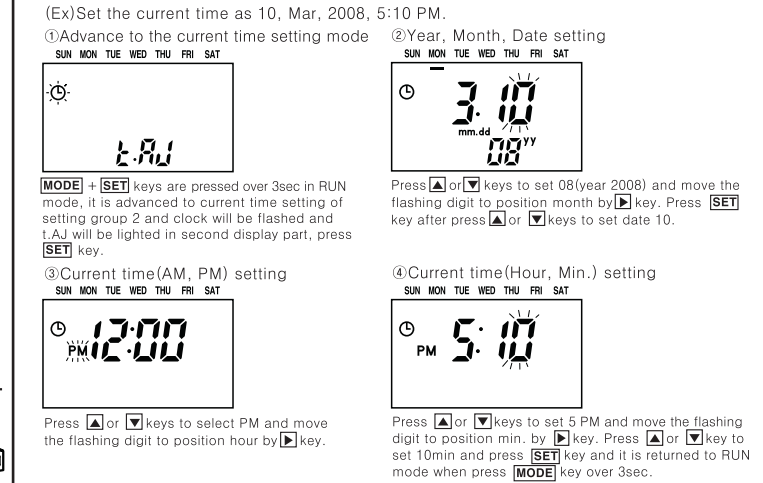
●Season switching mode
In setting group 2-Level2("SEn" is lighted, "oFF" is flashed.), select ON("on") by ▲ or ▼ keys and press SET key to set.
●(Note) : When the season switching mode changed from "oFF" to "on" or vice versa, previous set programs are deleted.
●ON("on")
Weekly program is switched automatically by season switching.
• Period setting per season
①Press SET key in period setting per season mode of setting group 2. ("SEn" is flashed, season with preset period is lighted and "START" and "STOP" are lighted.)
②Advance to the flashing position of season selection among S1, S2, S3, S4 by ▲ or ▼ keys and press SET key.
③After set START month, date per season and press SET key.
④SET key is pressed after set STOP month, date per season, it is advanced to LEVEL1 of period setting per season. Add or adjust the period setting by SET key.
●It is disable to use when it is OFF("oFF").

●Daylight Saving Time
In setting group 2-LEVEL 2("dSt" is lighted, "At" or "nor" is flashed.), select Auto("At") or Normal("nor") by ▲ or ▼ keys and press SET key to set.
●Auto("At") Daylight Saving Time mode
Current time will be faster as an hour when it is started and will be slower as an hour when Auto mode is finished.
• Automatic Daylight Saving Time period setting
①Automatic Daylight Saving Time period setting LEVEL 1 of setting group 2. ("dSt" is flashed and "START" are lighted.)
②Set START date(Month, date) of automatic Daylight Saving Time mode and press SET key.
③Set START time(AM/PM, Hour) of automatic Daylight Saving Time mode and press SET key. But, the minute will be fixed as 00.
④Set STOP date(Month, date) of automatic Daylight Saving Time mode and press SET key.
⑤Set STOP time(AM/PM, Hour) of automatic Daylight Saving Time mode and press SET key. But, the minute will be fixed as 00.
●Normal("nor") Daylight Saving Time mode
Press +1h key over 3sec in RUN mode, "+1h" is lighted and current time is faster as an hour and "+1h" is lighted out, current time will be slower as an hour when press +1h key over 3sec again.
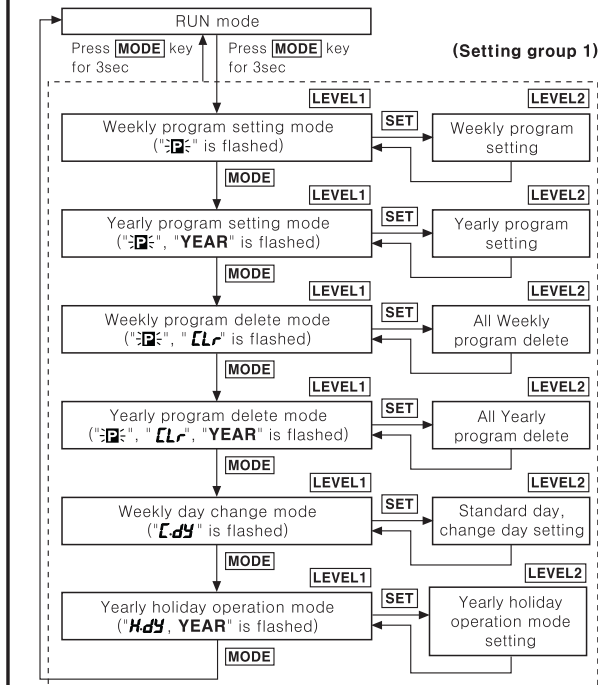
●Current time setting
(Ex)Set the current time as 10, Mar, 2008, 5:10 PM.
①Advance to the current time setting mode

MODE + SET keys are pressed over 3sec in RUN mode, it is advanced to current time setting of setting group 2 and clock will be flashed and t.AJ will be lighted in second display part, press SET key.

②Year, Month, Date setting

Press ▲ or ▼ keys to set 08(year 2008) and move the flashing digit to position month by ▷ key. Press SET key after press ▲ or ▼ keys to set date 10.

③Current time(AM, PM) setting

Press ▲ or ▼ keys to select PM and move the flashing digit to position hour by ▷ key.

④Current time(Hour, Min.) setting

Press ▲ or ▼ keys to set 5 PM and move the flashing digit to position min. by ▷ key. Press ▲ or ▼ key to set 10min and press SET key and it is returned to RUN mode when press MODE key over 3sec.

●It advances to "①Current time setting mode" in ON status and set current time as shown above ②~④ by SET key.
●Current time is set up to 31, Dec, 2099.
●Check current year/month/date in RUN mode
When ▷ key is pressed over 3sec in RUN mode, it advances to current year/month/date display. After display current year/month/date for 3sec, it returns to RUN mode displaying current display.
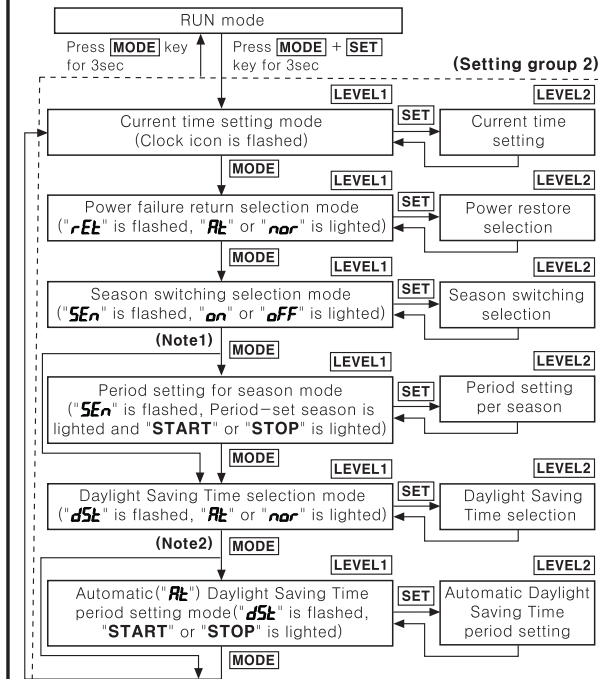
■ Program setting

◎ Setting group 1

RUN mode

Press **MODE** key for 3sec. ↕ Press **MODE** key for 3sec.

(Setting group 1)

LEVEL1 / LEVEL2

Weekly program setting mode ("⠿⠿" is flashed) — **SET** → Weekly program setting
MODE ↓ LEVEL1 / LEVEL2

Yearly program setting mode ("⠿⠿", "YEAR" is flashed) — **SET** → Yearly program setting
MODE ↓ LEVEL1 / LEVEL2

Weekly program delete mode ("⠿⠿", "CLr" is flashed) — **SET** → All Weekly program delete
MODE ↓ LEVEL1 / LEVEL2

Yearly program delete mode ("⠿⠿", "CLr", "YEAR" is flashed) — **SET** → All Yearly program delete
MODE ↓ LEVEL1 / LEVEL2

Weekly day change mode ("CdY" is flashed) — **SET** → Standard day, change day setting
MODE ↓ LEVEL1 / LEVEL2

Yearly holiday operation mode ("HdY", "YEAR" is flashed) — **SET** → Yearly holiday operation mode setting
MODE

- When it is advanced to setting group 1 in RUN mode, output (OUT1, OUT2) will be OFF.
- It is returned to previous setting group 1 when power of time switch is ON again in setting group 1.
- When **MODE** key is pressed in LEVEL2 of setting group 1, current setting will be canceled and it is returned to previous LEVEL1.
- When press **SET** key to program over max. number of steps for weekly program in Weekly program setting mode of setting group 1−LEVEL 1, number of remaining steps and "STEP" are flashed and it returns to LEVEL 1 status.
- When press **SET** key to program over max. number of steps for yearly program in Yearly program setting mode of setting group 1−LEVEL 1, number of remaining steps and "STEP" are flashed it returns to LEVEL 1 status.
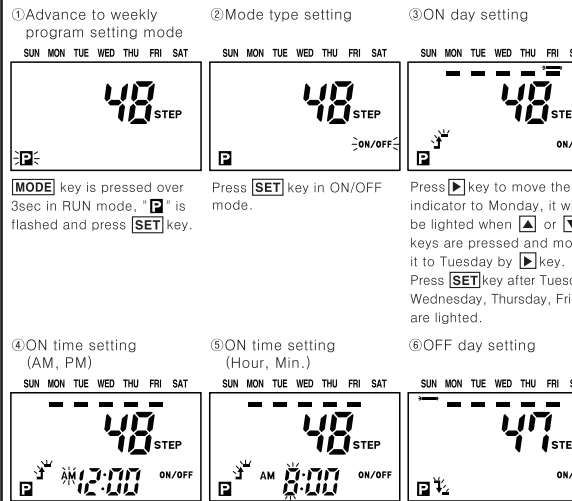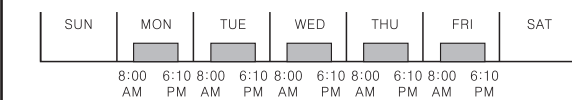
◎ Setting group 2

RUN mode

Press **MODE** key for 3sec. ↕ Press **MODE** + **SET** key for 3sec.

(Setting group 2)

LEVEL1 / LEVEL2

Current time setting mode (Clock icon is flashed) — **SET** → Current time setting
MODE ↓ LEVEL1 / LEVEL2

Power failure return selection mode ("rEt" is flashed, "At" or "nor" is lighted) — **SET** → Power restore selection
MODE ↓ LEVEL1 / LEVEL2

Season switching selection mode ("SEn" is flashed, "on" or "oFF" is lighted) — **SET** → Season switching selection
(Note1) ↓ LEVEL1 / LEVEL2

Period setting for season mode ("SEn" is flashed, Period−set season is lighted or "START" or "STOP" is lighted) — **SET** → Period setting per season
MODE ↓ LEVEL1 / LEVEL2

Daylight Saving Time selection mode ("dSt" is flashed, "At" or "nor" is lighted) — **SET** → Daylight Saving Time selection
(Note2) ↓ LEVEL1 / LEVEL2

Automatic("At") Daylight Saving Time period setting mode("dSt" is flashed, "START" or "STOP" is lighted) — **SET** → Automatic Daylight Saving Time period setting

(Note1) Season switching selection is "oFF".
(Note2) Automatic switching selection of Daylight Saving Time is Normal ("nor").

- When it advances to setting group 2 in RUN mode, output(OUT1, OUT2) will be OFF.
- When power of time switch is ON again in setting group 2, it is returned to previous setting group 1.
- Front **MODE** key is pressed in LEVEL2 of setting group 2, it is returned to previous LEVEL1.
- When season switching selection is changed from "oFF" to "on" or "on" to "oFF", previous set weekly program will be deleted.
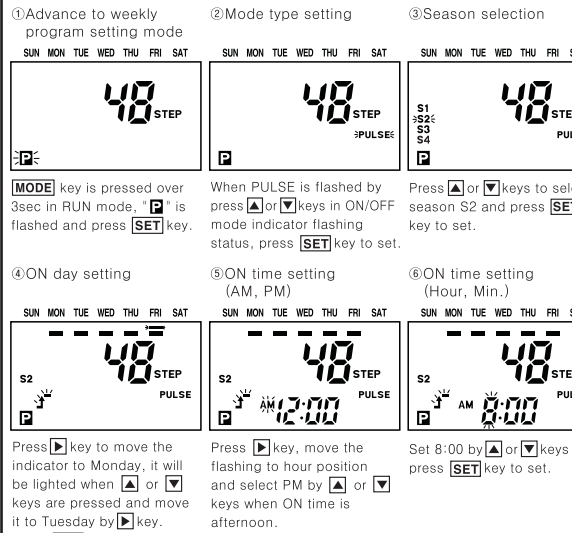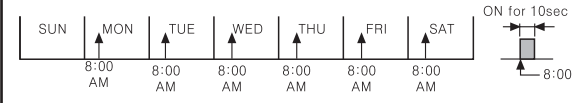

◎ Weekly program setting

● Weekly ON/OFF mode

(Ex)Output1 (OUT1) is ON from Monday to Friday at 8:00 AM and OFF at 6:10 PM.

| SUN | MON | TUE | WED | THU | FRI | SAT |

8:00 6:10 8:00 6:10 8:00 6:10 8:00 6:10 8:00 6:10
AM PM AM PM AM PM AM PM AM PM

①Advance to weekly program setting mode

MODE key is pressed over 3sec in RUN mode, "⠿⠿" is flashed and press **SET** key.

②Mode type setting

Press **SET** key in ON/OFF mode.

③ON day setting

Press ▶ key to move the indicator to Monday, it will be lighted when ▲ or ▼ keys are pressed and move it to Tuesday by ▶ key.
Press **SET** key after Tuesday, Wednesday, Thursday, Friday are lighted.

④ON time setting (AM, PM)

▶ key is pressed, move the flashing to hour position and select PM by ▲ or ▼ keys when ON time is afternoon.

⑤ON time setting (Hour, Min.)

Set 8:00 by ▲ or ▼ keys and press **SET** key to set.

⑥OFF day setting

Press **SET** key to check ON/OFF day.

⑦OFF time setting (AM, PM)

Select PM by ▲ or ▼ keys and move the flashing to hour position by ▶ key.

⑧OFF time setting (Hour, Min.)

Move the flashing to min. position by ▶ key after set 6:00 by ▲ or ▼ keys and set min. as 10 and press **SET** key to set.

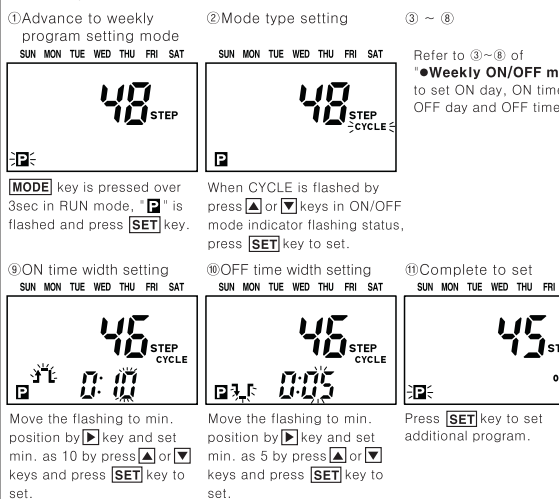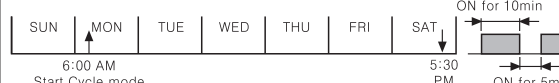⑨Complete to set

Press **SET** key to set additional program.

● Weekly Pulse mode

Output2(OUT2) is ON for 10sec at 8:00AM from Monday to Friday during S2 season in case, period of S1, S2, S3, S4 is set.

| SUN | MON | TUE | WED | THU | FRI | SAT |

8:00 8:00 8:00 8:00 8:00 8:00
AM AM AM AM AM AM

ON for 10sec → 8:00 AM

①Advance to weekly program setting mode

MODE key is pressed over 3sec in RUN mode, "⠿⠿" is flashed and press **SET** key.

②Mode type setting

When PULSE is flashed by press ▲ or ▼ keys in ON/OFF mode indicator flashing status, press **SET** key to set.

③Season selection

Press ▲ or ▼ keys to select season S2 and press **SET** key to set.

④ON day setting

Press ▶ key to move the indicator to Monday, it will be lighted when ▲ or ▼ keys are pressed and move it to Tuesday by ▶ key.
Press **SET** key after light Tuesday, Wednesday, Thursday, Friday.

⑤ON time setting (AM, PM)

Press ▶ key, move the flashing to hour position and select PM by ▲ or ▼ keys when ON time is afternoon.

⑥ON time setting (Hour, Min.)

Set 8:00 by ▲ or ▼ keys and press **SET** key to set.

⑦Pulse width setting

Press ▲ or ▼ keys to set pulse width as 10s(10sec) and press **SET** key to set.

⑧Complete to set

Press **SET** key to set additional program.

● Weekly Cycle mode

(Ex)Output1 (OUT1) is ON for 10min and OFF for 5min from Monday 6:00AM to Saturday 5:30PM.

| SUN | MON | TUE | WED | THU | FRI | SAT |

6:00 AM Start Cycle mode
5:30 PM
ON for 10min / ON for 5min

①Advance to weekly program setting mode

MODE key is pressed over 3sec in RUN mode, "⠿⠿" is flashed and press **SET** key.

②Mode type setting

When CYCLE is flashed by press ▲ or ▼ keys in ON/OFF mode indicator flashing status, press **SET** key to set.

③ ~ ⑧

Refer to ③~⑧ of "Weekly ON/OFF mode" to set ON day, ON time, OFF day and OFF time.

⑨ON time width setting

Move the flashing to min. position by ▶ key and set min. as 10 by ▲ or ▼ keys and press **SET** key to set.

⑩OFF time width setting

Move the flashing to min. position by ▶ key and set min. as 5 by ▲ or ▼ keys and press **SET** key to set.

⑪Complete to set

Press **SET** key to set additional program.

◎ Weekly day change mode

When the specified day mode is required to install in other day, it is started from the set day and returned to previous program setting automatically when it is finished.

● Weekly day change cancellation

①Change current year, month, date in current time setting mode
②Change standard day
③Delete all program in program
④Season switching

● Setting

Output is ON in Saturday at 9:00AM and OFF at 12:00PM and it is ON 8:30AM and OFF at 6:00PM from Monday to Friday and the mode of Monday and Tuesday is operated temporarily as Saturday(standard) program.

①Advance to weekly day change mode

②Standard day selection

Press **MODE** key over 3sec to move to the setting group1 in RUN mode and press it repeatedly until "CdY" is flashed in second display part and press **SET** key.

Press ▶ key to move the indicator to Saturday and press **SET** key.
After select Saturday as standard day(Sat is lighted) by ▲ or ▼ keys.

③Change day selection

Press ▶ key to move the indicator to Monday and select Monday to change (Mon is lighted) by ▲ or ▼ keys and repeat the procedure to select Tuesday to change(Tue is lighted) and press **SET** key after set the weekly day change setting.

◎ Yearly holiday mode

It is used to off the output without program adjustment during previously set yearly holiday period available from present year to 31, Dec of the next year.
Designate the start date of yearly holiday and year of end date as every year("−−") to repeat the holiday mode for specified in every year.
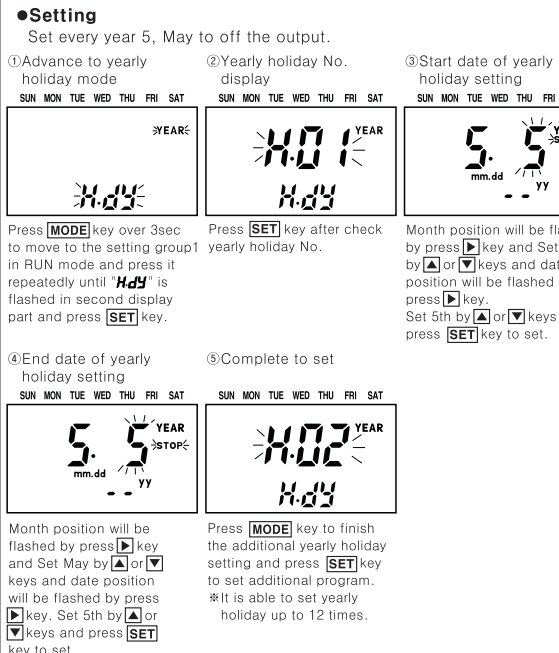
● Setting

Set every year 5, May to off the output.

①Advance to yearly holiday mode

Press **MODE** key over 3sec to move to the setting group1 in RUN mode and press it repeatedly until "HdY" is flashed in second display part and press **SET** key.

②Yearly holiday No. display

Press **SET** key after check yearly holiday No.

③Start date of yearly holiday setting

Month position will be flashed by press ▶ key and Set May by ▲ or ▼ keys and date position will be flashed by press ▶ key. Set 5th by ▲ or ▼ keys and press **SET** key to set.

④End date of yearly holiday setting

Month position will be flashed by press ▶ key and Set May by ▲ or ▼ keys and date position will be flashed by press ▶ key. Set 5th by ▲ or ▼ keys and press **SET** key to set.

⑤Complete to set

Press **MODE** key to finish the additional yearly holiday setting and press **SET** key to set additional program.
※ It is able to set yearly holiday up to 12 times.
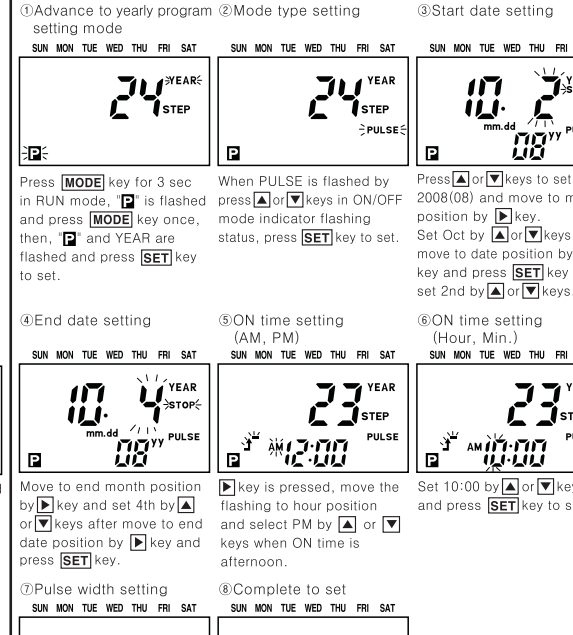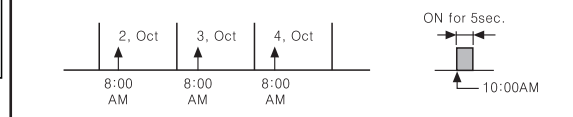

◎ Yearly program setting

● Yearly ON/OFF mode

(Ex)Output(OUT) is ON from every 5, Apr to 7, Apr at 9:00AM and OFF 5:10PM.
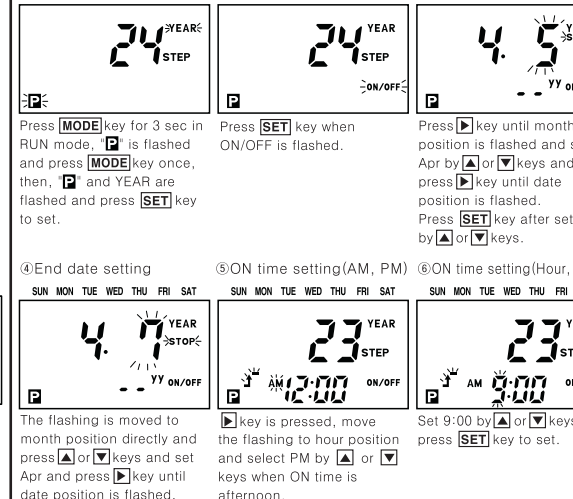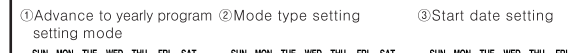
①Advance to yearly program setting mode

Press **MODE** key for 3 sec in RUN mode, "⠿⠿" is flashed and press **MODE** key once, then, "⠿⠿" and YEAR are flashed and press **SET** key to set.

②Mode type setting

Press **SET** key when ON/OFF is flashed.

③Start date setting

Press ▶ key until month position is flashed and set Apr by ▲ or ▼ keys and press ▶ key until date position is flashed. Press **SET** key after set 5th by ▲ or ▼ keys.

④End date setting

The flashing is moved to month position directly and press ▲ or ▼ keys and set Apr and press ▶ key until date position is flashed. Press **SET** key after set 7th by ▲ or ▼ keys.

⑤ON time setting(AM, PM)

▶ key is pressed, move the flashing to hour position and select PM by ▲ or ▼ keys when ON time is afternoon.

⑥ON time setting(Hour, Min.)

Set 9:00 by ▲ or ▼ keys and press **SET** key to set.

⑦OFF time setting(AM, PM)

Select PM by ▲ or ▼ keys and move the flashing to hour position by ▶ key.

⑧OFF time setting(Hour, Min.)

Move the flashing to minute position by ▶ key after set 5 for hour by ▲ or ▼ keys and press **SET** key after set the minute as 10 by ▲ or ▼ keys.

⑨Complete to set

Press **SET** key to set additional program.

● Yearly Pulse mode

(Ex)Output(OUT) is ON from 2, Oct, 2008 to 4, Oct, 2008 at 10:00AM and OFF after 5sec. (Present is 2007.)
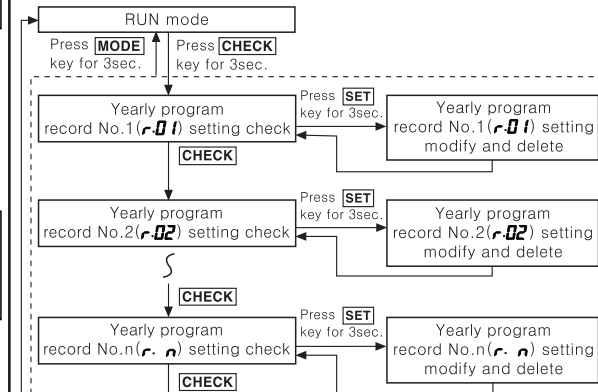
2, Oct / 3, Oct / 4, Oct
8:00 AM / 8:00 AM / 8:00 AM
ON for 5sec. → 10:00AM

①Advance to yearly program setting mode

Press **MODE** key for 3 sec in RUN mode, "⠿⠿" is flashed and press **MODE** key once, then, "⠿⠿" and YEAR are flashed and press **SET** key to set.

②Mode type setting

When PULSE is flashed by press ▲ or ▼ keys in ON/OFF mode indicator flashing status, press **SET** key to set.

③Start date setting

Press ▲ or ▼ keys to set year 2008(08) and move to month position by ▶ key.
Set Oct by ▲ or ▼ keys and move to date position by ▶ key and press **SET** key after set 2nd by ▲ or ▼ keys.

④End date setting

Move to end month position by ▶ key and set 4th by ▲ or ▼ keys after move to end date position by ▶ key and press **SET** key.

⑤ON time setting (AM, PM)

▶ key is pressed, move the flashing to hour position and select PM by ▲ or ▼ keys when ON time is afternoon.

⑥ON time setting (Hour, Min.)

Set 10:00 by ▲ or ▼ keys and press **SET** key to set.

⑦Pulse width setting

Press ▲ or ▼ keys 4 times to select pulse width as 5s and press **SET** key.

⑧Complete to set

Press **SET** key to set additional program.

※ It is able to set year of start date and end date in yearly program setting up to 2 years later from present year.

■ Program check, modify and delete

◎ Weekly program check, modify and delete

RUN mode

Press **MODE** key for 3sec. ↕ Press **CHECK** key for 1sec.

Weekly program record No.1(r-01) setting check — Press **SET** key for 3sec → Weekly program record No.1(r-01) setting modify and delete
CHECK ↓

Weekly program record No.2(r-02) setting check — Press **SET** key for 3sec → Weekly program record No.2(r-02) setting modify and delete
⫶ ↓

Weekly program record No.n(r-n) setting check — Press **SET** key for 3sec → Weekly program record No.n(r-n) setting modify and delete

CHECK

◎ Yearly program check, modify and delete

RUN mode

Press **MODE** key for 3sec. ↕ Press **CHECK** key for 3sec.

Yearly program record No.1(r-01) setting check — Press **SET** key for 3sec → Yearly program record No.1(r-01) setting modify and delete
CHECK ↓

Yearly program record No.2(r-02) setting check — Press **SET** key for 3sec → Yearly program record No.2(r-02) setting modify and delete
⫶ ↓

Yearly program record No.n(r-n) setting check — Press **SET** key for 3sec → Yearly program record No.n(r-n) setting modify and delete

CHECK

※ "YEAR" is lighted when check, modify or delete yearly program.

- If any key is untouched for 60sec, it is returned to RUN mode in weekly or yearly program check.
- In weekly or yearly program check, it controls output depending on program setting and output is OFF in modify or delete mode.
- When **MODE** key is pressed in weekly or yearly program record modify, delete stand by or delete mode, current work is cancelled and it is returned to check mode.
- Weekly or yearly program record modify and delete
  (1)Program record modify
  ①When press **SET** key over 3sec in program check, "Edt" is flashed in second display part, press **SET** key.
  ②It is returned to check mode when finish the modify same as the above procedure.
  (2)Program record delete
  ①When press **SET** key over 3sec in program check, "Edt" is flashed in second display part, press ▲ or ▼ keys until "CLr" is flashed in second display part and press **SET** key.
  ②Press **SET** key over 3sec when "CLr" is lighted in second display part, it is returned to program check.

■ Caution for using

1. Please use within the rated power and apply or cut the power at once to prevent from chattering.
2. When test dielectric voltage and insulation resistance of the control panel with this unit installed.
   ①Please insulate this unit from the circuit of control panel.
   ②Please make all terminals of this unit short-circuited.
3. When control a heater, please install the thermostatic switch at load circuit.
4. Installation environment
   ①It shall be used indoor ②Altitude Max. 2000m
   ③Pollution Degree 2 ④Installation Category Ⅱ.

※ It may cause malfunction if above instructions are not followed.

■ Major products

- Photoelectric sensors
- Fiber optic sensors
- Door sensors
- Door side sensors
- Area sensors
- Proximity sensors
- Pressure sensors
- Rotary encoders
- Connector/Sockets
- Switching mode power supplies
- Control switches/Lamps/Buzzers
- I/O Terminal Blocks & Cables
- Stepper motors/drivers/motion controllers
- Graphic/Logic panels
- Field network devices
- Laser marking system(Fiber, CO₂, Nd:YAG)
- Laser welding/soldering system
- Temperature controllers
- Temperature/Humidity transducers
- SSR/Power controllers
- Counters
- Timers
- Panel meters
- Tachometer/Pulse(Rate)meters
- Display units
- Sensor controllers

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