





au pe ដ្ឋិភិក 📠 MO TU WE TH FR 2 22:000 <u>___</u> MO TU WE TH ____ 1987 TU WE TH FF 1 MO TU WE TH FR SA 02 2 J MO TU WE TH FR SA 18:30 28 t___ 22.00 2



- (1) Enter into output mode (TMR/ PULSE) setting in circuit 1. Press and hold S+ P1 for 3 seco simultaneously under the run mode
- (2) Select the timer output mode. Set it to "TMR" with 🛃 key, and press S key to enter into operation time and date settings.
- (3) Set ON time and date. Useh and m to set ON time to 8:30 and set ON date to Monday with d and T/C keys.
- (4) Enter into OFF time and date Press key.
- (5) Set OFF time and date. Use h and m to set OFF time to 17:30 and set OFF date to Friday with d and T/C keys.
- (6) Save settings.
- If it is set successfully, press 🚚 key, then the current setting will be saved and enter into the next bank (group) setting.
- (7Return to the run mode. Press S key to return to the run mode directly.
- <Note 1> It will be saved only when both ON and OFF times have been set successfully.
- (Note 2) If several set values are needed please repeat from step3 to step6 <Note 3> If the output mode is changed (TMR/PULSE), all settings will he cleared
- Note 4> The timer settings or pulse settings of all banks (groups) for the selected circuit can be checked by pressing 4 key in operation time and date setting mode.

6.2. Pulse Operation (PULSE)

[Example] Start output for 30 seconds at 9:15 in the morning from Monday to Saturday. (Circuit1)

- MO TU WE TH FR SA SU i SU MO TU WE TH FR S (1) Enter into output mode (TMR/ au PE **PULSE**) setting in circuit 1. Press and hold S + P1 for 3 second simultaneously under the run mode ะ คัก เพา (2) Select the pulse output mode. all PE Set it to pulse operation "PULSE" with 🖊 key. MO TU WE TH FR (3) Enter into pulse width setting mod 00 Press S key ®T BET (4) Set pulse width. 30° Set pulse width as 30 seconds with m key. ®t WE TH FR S (5) Enter into operation time and dat setting mode. Input pulse width and press 🚽 key to enter into operation time and date eî L 1 SET setting mode. MO TU WE TH FR S (6) Set operation time and date. 9:15: Use h and m to set time to 9:15, and set date from Monday to Saturday with d and T/C keys. ©ĵ 📘 1 MO TU WE TH FR SA Save settings. If it is set successfully, press 🛃 key 0000 02 then the current setting will be saved and enter into the next bank (group) et L 1 setting. (8) Return to the run mode. 18:30 28 Press S key to return to the run mode directly. ofL__ \$:(5[™]
- <Note 1> If multiple settings are needed, please repeat from step5 to step? <Note 2> If the output mode (TMR/PULSE) is changed, all settings will be cleared.
- <Note 3> The timer settings or pulse setting of all banks (groups) for the selected circuit can be checked by pressing 🚚 key in operation time and date setting mode.





SU MO TU WE TH FR SA



	Default Value
	RTU
	1
8800/38400/57600/115200	9600
	n
	8
	1
	ON

	Property		
inge	BSC	ADV	
	R	R	
	R	R	
ute(0~59)	Х	R	
ute(0~59)	Х	R	
S	R	R	
	R	R	
	R	R	
	R	R	
,6 : Saturday	R/W	R/W	
	R/W	R/W	
	R/W	R/W	
	R/W	R/W	
nced mode	R/W	R/W	
	R/W	R/W	
d mode : 0~4) eturn (OFF_R) eturn (ON_R)	R/W	R/W	
d mode : 0~4) eturn (OFF_R) eturn (ON_R)	R/W	R/W	
iy) Bit_0(Saturday)	R/W	Х	
iy) Bit_0(Saturday)	R/W	Х	
Sec:1~59, Min:1~60)	Х	R/W	
(Sec:1~59, Min:1~60)	Х	R/W	
ilse output (PULSE)	Х	R/W	
ilse output (PULSE)	Х	R/W	
	Х	R/W	
	Х	R/W	
/) Bit_0(Saturday)	Х	R/W	
1: Display the next operation of P2	Х	R/W	

Advanced n	Decements	
cription	Range	riopeny
node_Bank1	0 : TMR 1 : PULSE	R/W
e_Bank1	H:0~23 L:0~59	R/W
e_Bank1	Bit6(Sun)~Bit0(Sat)	R/W
ne _ Bank1	H:0-23 L:0-59	R/W
te _ Bank1	Bit6(Sun)~Bit0(Sat)	R/W
node_Bank2	0 : TMR 1 : PULSE	R/W
e _ Bank2	H:0~23 L:0~59	R/W
e_Bank2	Bit6(Sun)~Bit0(Sat)	R/₩
ne _ Bank2	H:0~23 L:0~59	R/W
te _ Bank2	Bit6(Sun)~Bit0(Sat)	R/W

ode_Bank20	0 : TMR 1 : PULSE	R/W
e _ Bank20	H:0~23 L:0~59	R/W
e_Bank20	Bit6(Sun)~Bit0(Sat)	R/W
ne _ Bank20	H:0-23 L:0-59	R/W
te _ Bank20	Bit6(Sun)~Bit0(Sat)	R/W

node_Bank1	0 : TMR 1 : PULSE	R/W
e _ Bank1	H:0-23 L:0-59	R/W
e_Bank1	Bit6(Sun)~Bit0(Sat)	R/W
ne _ Bank1	H:0~23 L:0~59	R/W
te _ Bank1	Bit6(Sun)~Bit0(Sat)	R/W
node_Bank2	0 : TMR 1 : PULSE	R/W
e _ Bank2	H:0~23 L:0~59	R/W
e_Bank2	Bit6(Sun)~Bit0(Sat)	R/W
ne _ Bank2	H:0-23 L:0-59	R/W
te _ Bank2	Bit6(Sun)~Bit0(Sat)	R/W

node_Bank20	0 : TMR 1 : PULSE	R/W
e _ Bank20	H:0~23 L:0~59	R/W
e_Bank20	Bit6(Sun)~Bit0(Sat)	R/W
ne _ Bank20	H:0~23 L:0~59	R/W
te _ Bank20	Bit6(Sun)~Bit0(Sat)	R/W

3.Input power: 4.Mounting method AC:100~240 VAC None: Flush mounting D: DIN-rail mount

Specifications

- F					
Ite	m	TS-4848SRAC	TS-4848CRAC-D	TS-4848SRDC	TS-4848CRDC-D
Supply	voltage	100~240VAC (50/60HZ)		24VDC	
Voltage	range	85% ~ 110% rated supply voltage		85% ~ 120% rated supply voltage	
Control		SPDT contact output: 5A at 250VAC, resistive load $(\cos \phi = 1)$			
outputs	Capacity	Transistor output: NPN, max.100mA at 30VDC			
		Residual voltage: I	Max.1.5VDC (about	1V)	
Storage ter	ge temperature -25 ~ 65°C (with no icing or condensation)				
Ambient o temperatu	operating re	ng -10 ~ 55°C (with no icing or condensation)			
Ambient of humidity	nt operating 25% ~ 85%				
Case color Black					
Power consu	mption(max)	0.96W			
Weight	Weight about 152g about 144g				

Order Information

$\overline{}$	Output method	Input power	Communication interface	Model
Flush mounting	Relay output	100~240 VAC 50/60Hz	None	TS-4848SRAC
	(1a x 2)	24 VDC	None	TS-4848SRDC
DIN	Relay output	100~240 VAC 50/60Hz	RS-232/485/422	TS-4848CRAC-D
-rail nting	(1a x 2)	24 VDC	RS-232/485/422	TS-4848CRDC-D

The DIN-rail model with con munication function must be used with cable (CAB-090B2 CAB-090B485/CAB-090B422)

• Accessories (Order Separately)

Name	Model
9-pin Female D-sub cable for RS-232 connector, 1.5m Cable	CAB-090B232
9-pin Female D-sub cable for RS-485 connector, 1.5m Cable	CAB-090B485
9-pin Female D-sub cable for RS-422 connector, 1.5m Cable	CAB-090B422
9-pin male D-sub cable for CAB-090B232/CAB-090B485/CAB-090B422	ADP-090401

2. Pin Assignment

Flush mounting:

- ●TS-4848SRAC
- r6−5−4−3−2−1--12-11-10-9r01 100-240 VAC 50/60Hz
- DIN-rail mounting: •TS-4848CRAC-D



• TS-4848SRDC r6-5-4-3-2-1-Ī. Ū. 24 VDC

•TS-4848CRDC-D



3. Appearance & Dimensions

• Flush mounting:









65mm ԱԼ

• DIN-rail mounting:







