



- Non-volatile memory
- 1, 2-setpoint, single display
- 9 user selectable ranges
- 10 milliseconds to 9999 hours
- 4 user selectable relay functions
- Incrementing / decrementing display
- 4 control inputs
- Fixed/Configurable control inputs
- 0.01% quartz crystal accuracy
- Supply voltage : 85 ~ 265 V AC

SPECIFICATIONS

All specifications at ambient of 25 °C, unless specified otherwise

<p>Range Resolution Accuracy Timing start delay (after application of power)</p> <p>OUTPUTS No. of relays Relay contacts Relay contact rating Functions Mutual isolation between Input/Output/Supply</p> <p>CONTROL INPUTS No. of control inputs Control input function configuration</p> <p>Control input functions Assignment of control input functions to control inputs</p> <p>Front panel reset</p> <p>POWER SUPPLY Supply voltage</p> <p>INDICATION Display</p> <p>MEMORY</p> <p>PROGRAMMABLE PARAMETERS Setpoint 1 Setpoint 2 Timer Start (After timer start) Control input 1</p> <p>Control input 2</p>	<p>See Table 1 See Table 1 ± 0.01% of reading ± 0.2 second 0.05 Sec (max)</p> <p>1 2 x NO-C-NC 5A / 230V AC, resistive See Fig.1, 2 1500 V AC / 1 Minute</p> <p>4 a) Fixed b) User configurable See Table 2, 3</p> <p>a) Fixed : See Table 2 b) User configurable : i) Any control function can be assigned to any control input ii) One control function can be assigned to any one control input only (See Table 3)</p> <p>Will have the same function as reset function selected for control input</p> <p>85~265 V AC / DC, 50 Hz</p> <p>4 digit, 7 segment 0.3" (7.6 mm) red LED display</p> <p>Non volatile, indefinite retention (for elapsed time)</p> <p>0.01 to 9999 0.01 to 9999 Power ON, Control input 1(Start)</p> <p>Refer Table 3 (For order code 2287-01)</p> <p>Refer Table 3 (For order code 2287-01)</p>	<p>Control input 3 Control input 4</p> <p>Units Resolution Functions</p> <p>Direction</p> <p>Reset lock (For front key reset) Program lock</p> <p>OTHER Keyboard Enclosure construction</p> <p>Dimensions (in mm) Mounting Panel cutout Operating ambient temperature Relative humidity</p>	<p>Refer Table 3 (For order code 2287-01) Refer Table 3 (For order code 2287-01)</p> <p>Seconds / Minutes / Hours 0.01, 0.1, 1 a) ON delay b) OFF delay c) Cyclic C1(Relay ON at power ON) d) Cyclic C2(Relay OFF at power ON) (See Fig 1,2)</p> <p>Up (incrementing) Down (decrementing) ON, OFF</p> <p>ON, OFF</p> <p>Tactile, 3 keys Plug-in (circuit removable without affecting terminal wiring) 48(H) x 48(W) x 100(D) Panel mount 44 x 44 mm 0~50 °C Below 90%, non condensing</p>
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TABLE 1 - RANGE SELECTION

UNIT	RANGE	RESOLUTION
s	99.99 s	0.01 s
s	999.9 s	0.1 s
s	9999 s	1 s
m	99 m 59 s	1 s
m	999.9 m	0.1 m
m	9999 m	1 m
h	99 h 59 m	1 m
h	999.9 h	0.1 h
h	9999 h	1 h

MULTIFUNCTION PROGRAMMABLE TIMER — RCT601

OPERATING MODES

t1 = SETPOINT t2 = SETPOINT RELAY ON RELAY OFF SUPPLY ON START PULSE

POWER ON START

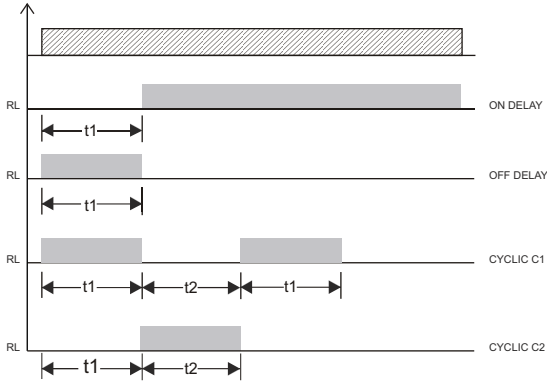


Fig 1

START PULSE

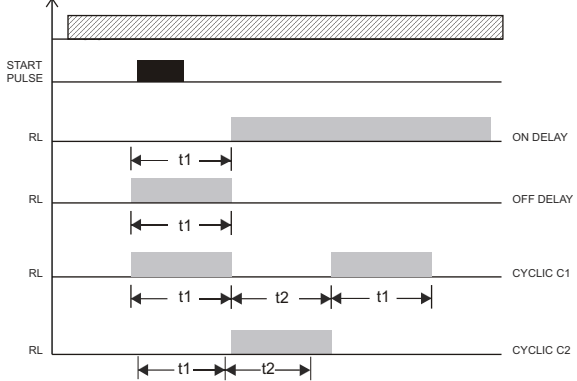


Fig 2

TABLE 2 - FIXED CONTROL INPUTS (ORDER CODE : 2287-00)

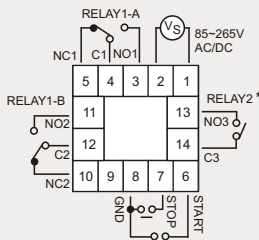
CONTROL INPUT FUNCTION	DESCRIPTION	CONTROL INPUT FUNCTION	DESCRIPTION
1	Start	3	Gate
	Start the timer		Freeze the timer as long as input is present & relay maintain status.
2	Reset	4	Stop
	Timer is reset as long as input is present, timer starts when input is removed.		Stop the timer & relay turn OFF.

TABLE 3 - CONFIGURABLE CONTROL INPUTS (ORDER CODE : 2287-01)

CONTROL INPUT FUNCTION	DESCRIPTION	CONTROL INPUT FUNCTION	DESCRIPTION
1	Start	6	Gate2
	Start the timer		Freeze the timer as long as input is present & relay turn ON.
2	Reset1	7	Gate3
	Timer is reset as long as input is present, timer starts when input is removed.		Freeze the timer as long as input is present & relay turn OFF.
3	Reset2	8	Stop1
	Pulse reset, reset the timer & start immediate.		Stop the timer & relay maintain status.
4	Reset3	9	Stop2
	Reset the timer, start pulse is require to start the timer.		Stop the timer & relay turn ON.
5	Gate1	10	Stop3
	Freeze the timer as long as input is present & relay maintain status.		Stop the timer & relay turn OFF.

CONNECTION DIAGRAM

FIXED INPUTS

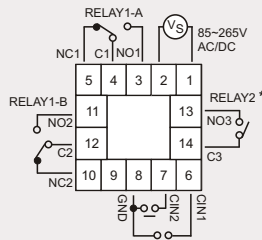


* - RCT602/RCT702 ONLY

STK-349

ORDER CODE : 2287-00

CONFIGURABLE INPUTS



* - RCT602/RCT702 ONLY

STK-350

ORDER CODE : 2287-01

ORDERING INFORMATION

ORDER CODE	
2287	A
A	Control Inputs
	Fixed Configurable
00	1 0
01	0 1

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