User’s Guide

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PTC-15
Programmable Timing Controller
The view mode is used to determine which timer is displayed, or to view (but not change) the set times. To change the timer being viewed during normal running:

1. Press \ or \ to show the currently selected timer (T1 at default).
2. Press \ or \ again to change the selected timer. The timer number (e.g. T3 = Timer 3) will be displayed for 3 seconds and that timer will then be in view. If the timer selected is set to relay mode, the display will show “rly”.

To view set times:

3. Press SEL. The display will show the timer and set point number (e.g. St21 = timer 2, set time 1) for 3 seconds and then shows that set time for a further 3 seconds. If there is a second set time (i.e. in cct and dodo modes) this can be displayed by pressing SEL again.
4. Use \ and \ while viewing the set time to select the timer set point to be displayed.
5. The timer will return to normal running after displaying the set time. The last timer to be displayed will now be in view. To view a different timer while running, repeat steps 1 and 2 above.
TIMING MODES

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Function</th>
<th>Default</th>
<th>Range/Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>St11-St51</td>
<td>First timing value</td>
<td>9000</td>
<td>0 to Timing range</td>
</tr>
<tr>
<td>St12-St52</td>
<td>Second timing value</td>
<td>9000</td>
<td>0 to Timing range</td>
</tr>
<tr>
<td>PASS</td>
<td>Password to access Program</td>
<td>0000</td>
<td>0 = No Password 1 - 4999 for adjustable times 5000-9999 for locked times 1996 Override Password</td>
</tr>
</tbody>
</table>

**PROGRAM PARAMETERS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Function</th>
<th>Default</th>
<th>Range/Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply Input*</td>
<td>dE (CtS)</td>
<td>T</td>
<td>dE = Delay On</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>Int (CtS)</td>
<td>T</td>
<td>int = Interval Time</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>dE (Ptr)</td>
<td>T</td>
<td>dd = Delay Off</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>Int (Ptr)</td>
<td>T</td>
<td>dct = Cycling Timer</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>dodo</td>
<td>T</td>
<td>dodo = Delay On Delay Off</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>RLG</td>
<td>T</td>
<td>rL = Relay Mode</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>cct</td>
<td>T</td>
<td>SECS = 0.1 to 999.9 secs</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>dodo</td>
<td>T</td>
<td>M-S = 1sec to 99min59secs</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>dd</td>
<td>T</td>
<td>H-M = 1min to 99hrs59min</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>Int (Ptr)</td>
<td>T</td>
<td>CtS = Close to Start</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>Int (CtS)</td>
<td>T</td>
<td>PtS = Pulse to Start</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>St</td>
<td>T</td>
<td>PTr = Pulse to Reset</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>ncYc</td>
<td>T</td>
<td>0000 = Continuous 1-9999 cycles</td>
</tr>
<tr>
<td>Supply Input*</td>
<td>tdir</td>
<td>T</td>
<td>uP or dn = Up or Down</td>
</tr>
</tbody>
</table>

* Input refers to terminals 1 to 5
  Terminal 1 is input for Timer1
  Terminal 2 is input for Timer 2 etc

**Note:** These routines apply to programming from default values. Once another set-up has been programmed, parameters will start from the previous settings.
**ADJUSTING SET TIME**

Set mode is used to change the set times.

1. Press PRG. The display will show the timer and set point number (e.g. ST21 = timer 2, set time 1).
2. Use \ and \ to select the timer to be set.
3. When the relevant timer is selected, press SEL to allow the set time to be changed.
4. Adjust the set time one digit at a time using \ and \. Press SEL to move between digits.
5. When adjustment is complete, press PRG to store the new setting and move on to the second set time if selected. If a single time mode is in use, the timer will return to run mode.
6. Repeat steps 4 and 5 to set the second time.
7. Press PRG to return to run mode. The last timer to be set will now be in view. To view a different timer while running, repeat steps 1 & 2 in view mode above.

**NOTES**

1. Set and program modes will time out if no buttons are pressed for 1 minute. The timer will return to run mode.
2. When the program routine has been accessed all timing stops, is reset and all outputs are de-energised.
3. Timing continues in set mode. The new set times take effect when the timer is next started.
4. The output indicator will light when the relevant output is energised.

**DIMENSIONS**

Panel cut-out 2.755 x 1.77 (70 x 45)

All dimensions in inches (mm)