

| JTL TIMER CONTROLLER ITEMS | | | | | LCTB | |
|----------------------------|---|--------------|----------------------------|------|---------------|--------------------|
| ITEM | DESCRIPTION | CODE | CODE MEANING | BIT | RANGE | ITEM 9 VALUE |
| | | | | 4321 | | |
| 0 | Unit type | Lctb | Unit type | | | |
| 2 | Time of day | | | | 00:00 - 23:59 | |
| 3 | Day of week | 0 - 6 | 0 = Sun | | | |
| 4 | Date | | | | 01.01 - 31.12 | |
| 5 | Year | | | | 00 - 99 | |
| 6 | Communications speed | 4800 600 | Baud rate Baud rate | | | |
| 8 | Bitswitch Setting | | | | | |
| 9 | Set default values selected by Bitswitch | | | | 0 - 1 | |
| PROCESSOR ALARMS | | | | | | |
| 10 | Processor alarms (11-17) | 0 1 - 255 | No alarms Check 11 - 17 | | | |
| 11 | Static RAM Fault | CLr rA.Ft | No fault Fault | | | |
| 12 | Program/counter fault | CLr PC.Ft | No fault Fault | | | |
| 13 | Stack pointer fault | CLr SP.Ft | No fault Fault | | | |
| 14 | Background loop fault | CLr bL.Ft | No fault Fault | | | |
| 15 | PROM checksum fault | CLr Pr.Ft | No fault Fault | | | |
| 16 | NVRAM fault | CLr n.Ft | No fault Fault | | | |
| 17 | Instruction TRAP fault | CLr tP.Ft | No fault Fault | | | |
| MISCELLANEOUS DATA | | | | | | |
| 19 | Software Version number | | | | | |

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|---|------------------------|------------------------|--|------|---------------|--------------------|
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| | | | | 4321 | | |
| SPECIAL DAY RATES | | | | | | |
| Note: When the disable code 32.12 is entered the display shows Err. | | | | | | |
| 21 | Date of special day 1 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 25.12 |
| 22 | Date of special day 2 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 01.01 |
| 23 | Date of special day 3 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 24 | Date of special day 4 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 25 | Date of special day 5 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 26 | Date of special day 6 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 27 | Date of special day 7 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 28 | Date of special day 8 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 29 | Date of special day 9 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 30 | Date of special day 10 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 31 | Date of special day 11 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 32 | Date of special day 12 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 33 | Date of special day 13 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 34 | Date of special day 14 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 35 | Date of special day 15 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| 36 | Date of special day 16 | 01.01 - 31.12 32.12 | Day enabled Disabled | | 01.01 - 32.12 | 32.12 |
| INPUTS | | | | | | |
| 40 | Sequence switch input | OFF In.On | Contacts open (selected channels forced off) Contacts closed (all channels operate in timed mode) | | | |

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| | | | | 4321 | | |
| ACTIVE DAY | | | | | | |
| 50 | Active day number | 0 - 6 7 | Sunday - Saturday Special day active | | | |
| UNIT NUMBERS | | | | | | |
| 61 | Unit Channel 1 | | | | 0.0 - 899.9 | |
| 62 | Unit Channel 2 | | | | 0.0 - 899.9 | |
| 63 | Unit Channel 3 | | | | 0.0 - 899.9 | |
| 64 | Unit Channel 4 | | | | 0.0 - 899.9 | |
| CHANNEL 1 COMMON DATA | | | | | | |
| 100 | Force channel 1 on (advance status to on) | Clr F.On | Timed operation Forced on | | 0 - 1 | |
| 101 | Force channel 1 off (advance status to off) | Clr F.OFF | Timed operation Forced off | | 0 - 1 | |
| 102 | Channel 1 status | OFF On | Contacts open Contacts closed | | | |
| 103 | Sequence switch selection on channel 1 | OFF In.En | Sequence switch ignored (i.e. timed operation only) Sequence switch determines whether channel is off or operating in timed mode. | | 0 - 1 | OFF |
| 107 | Communications command enable | OFF Co.En | OFF enabled | | 0 - 1 | Co.En |
| 108 | Unit No | | | | 0.0 - 899.9 | |
| 109 | Enable Channel | OFF Ch.En | OFF enabled | | 0 - 1 | Ch.En |

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| | | | | 4321 | | |
| CHANNEL 1 TIME DATA | | | | | | |
| If the ON time is 00:00 the channel will be forced off all day. If the ON time is set and the OFF time is 00:00 the channel will be on all day. | | | | | | |
| 110 | Sunday ON time | | | | 00:00 - 23:59 | 09:00 |
| 111 | Sunday OFF time | | | | 00:00 - 23:59 | 17:00 |
| 120 | Monday ON time | | | | 00:00 - 23:59 | 08:00 |
| 121 | Monday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 130 | Tuesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 131 | Tuesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 140 | Wednesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 141 | Wednesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 150 | Thursday ON time | | | | 00:00 - 23:59 | 08:00 |
| 151 | Thursday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 160 | Friday ON time | | | | 00:00 - 23:59 | 08:00 |
| 161 | Friday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 170 | Saturday ON time | | | | 00:00 - 23:59 | 08:00 |
| 171 | Saturday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 180 | Special day ON time | | | | 00:00 - 23:59 | 00:00 |
| 181 | Special day OFF time | | | | 00:00 - 23:59 | 00:00 |
| CHANNEL 2 COMMON DATA | | | | | | |
| 200 | Force channel 2 on (advance status to on) | Clr F.On | Timed operation Forced on | | 0 - 1 | |
| 201 | Force channel 2 off (advance status to off) | Clr F.OFF | Timed operation Forced off | | 0 - 1 | |
| 202 | Channel 2 status | OFF On | Contacts open Contacts closed | | | |
| 203 | Sequence switch selection on channel 2 | OFF In.En | Sequence switch ignored (i.e. timed operation only) Sequence switch determines whether channel is off or operating in timed mode. | | 0 - 1 | OFF |
| 207 | Communications command enable | OFF Co.En | OFF enabled | | 0 - 1 | Co.En |
| 208 | Unit No | | | | 0.0 - 899.9 | |
| 209 | Enable Channel | OFF Ch.En | OFF enabled | | 0 - 1 | Ch.En |

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| | | | | 4321 | | |
| CHANNEL 2 TIME DATA | | | | | | |
| If the ON time is 00:00 the channel will be forced off all day. If the ON time is set and the OFF time is 00:00 the channel will be on all day. | | | | | | |
| 210 | Sunday ON time | | | | 00:00 - 23:59 | 09:00 |
| 211 | Sunday OFF time | | | | 00:00 - 23:59 | 17:00 |
| 220 | Monday ON time | | | | 00:00 - 23:59 | 08:00 |
| 221 | Monday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 230 | Tuesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 231 | Tuesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 240 | Wednesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 241 | Wednesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 250 | Thursday ON time | | | | 00:00 - 23:59 | 08:00 |
| 251 | Thursday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 260 | Friday ON time | | | | 00:00 - 23:59 | 08:00 |
| 261 | Friday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 270 | Saturday ON time | | | | 00:00 - 23:59 | 08:00 |
| 271 | Saturday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 280 | Special day ON time | | | | 00:00 - 23:59 | 00:00 |
| 281 | Special day OFF time | | | | 00:00 - 23:59 | 00:00 |
| CHANNEL 3 COMMON DATA | | | | | | |
| 300 | Force channel 3 on (advance status to on) | Clr F.On | Timed operation Forced on | | 0 - 1 | |
| 301 | Force channel 3 off (advance status to off) | Clr F.OFF | Timed operation Forced off | | 0 - 1 | |
| 302 | Channel 3 status | OFF On | Contacts open Contacts closed | | | |
| 303 | Sequence switch selection on channel 3 | OFF In.En | Sequence switch ignored (i.e. timed operation only) Sequence switch determines whether channel is off or operating in timed mode. | | 0 - 1 | OFF |
| 307 | Communications command enable | OFF Co.En | OFF enabled | | 0 - 1 | Co.En |
| 308 | Unit No | | | | 0.0 - 899.9 | |
| 309 | Enable Channel | OFF Ch.En | OFF enabled | | 0 - 1 | Ch.En |

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| | | | | 4321 | | |
| CHANNEL 3 TIME DATA | | | | | | |
| If the ON time is 00:00 the channel will be forced off all day. If the ON time is set and the OFF time is 00:00 the channel will be on all day. | | | | | | |
| 310 | Sunday ON time | | | | 00:00 - 23:59 | 09:00 |
| 311 | Sunday OFF time | | | | 00:00 - 23:59 | 17:00 |
| 320 | Monday ON time | | | | 00:00 - 23:59 | 08:00 |
| 321 | Monday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 330 | Tuesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 331 | Tuesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 340 | Wednesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 341 | Wednesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 350 | Thursday ON time | | | | 00:00 - 23:59 | 08:00 |
| 351 | Thursday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 360 | Friday ON time | | | | 00:00 - 23:59 | 08:00 |
| 361 | Friday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 370 | Saturday ON time | | | | 00:00 - 23:59 | 08:00 |
| 371 | Saturday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 380 | Special day ON time | | | | 00:00 - 23:59 | 00:00 |
| 381 | Special day OFF time | | | | 00:00 - 23:59 | 00:00 |
| CHANNEL 4 COMMON DATA | | | | | | |
| 400 | Force channel 4 on (advance status to on) | Clr F.On | Timed operation Forced on | | 0 - 1 | |
| 401 | Force channel 4 off (advance status to off) | Clr F.OFF | Timed operation Forced off | | 0 - 1 | |
| 402 | Channel 4 status | OFF On | Contacts open Contacts closed | | | |
| 403 | Sequence switch selection on channel 4 | OFF In.En | Sequence switch ignored (i.e. timed operation only) Sequence switch determines whether channel is off or operating in timed mode. | | 0 - 1 | OFF |
| 407 | Communications command enable | OFF Co.En | OFF enabled | | 0 - 1 | Co.En |
| 408 | Unit No | | | | 0.0 - 899.9 | |
| 409 | Enable Channel | OFF Ch.En | OFF enabled | | 0 - 1 | Ch.En |

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| | | | | 4321 | | |
| CHANNEL 4 TIME DATA If the ON time is 00:00 the channel will be forced off all day. If the ON time is set and the OFF time is 00:00 the channel will be on all day. | | | | | | |
| 410 | Sunday ON time | | | | 00:00 - 23:59 | 09:00 |
| 411 | Sunday OFF time | | | | 00:00 - 23:59 | 17:00 |
| 420 | Monday ON time | | | | 00:00 - 23:59 | 08:00 |
| 421 | Monday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 430 | Tuesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 431 | Tuesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 440 | Wednesday ON time | | | | 00:00 - 23:59 | 08:00 |
| 441 | Wednesday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 450 | Thursday ON time | | | | 00:00 - 23:59 | 08:00 |
| 451 | Thursday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 460 | Friday ON time | | | | 00:00 - 23:59 | 08:00 |
| 461 | Friday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 470 | Saturday ON time | | | | 00:00 - 23:59 | 08:00 |
| 471 | Saturday OFF time | | | | 00:00 - 23:59 | 21:00 |
| 480 | Special day ON time | | | | 00:00 - 23:59 | 00:00 |
| 481 | Special day OFF time | | | | 00:00 - 23:59 | 00:00 |

BITSWITCH SETTINGS

Bitswitches are not used on this product.
Use **ITEM 9** to set the default values.