



Model 2070L ITS Controller



Naztec 2070 L

FEATURES

- Type 332 and 336 cabinet compatible
- ATC specification compliant
- TEES compliant
- Optional traffic control software
- Operating system software included
- 2070-1B CPU Module
- 8 x 40 front panel LCD display
- Async Serial Comm Module
- Power Supply Module (3.5 Amp)
- Optional VME cage assembly
- On-board diagnostic hardware and software with print option

Introducing the new Naztec 2070L Traffic Controller based on the Advanced Transportation Controller (ATC) standard specification and the California DOT Transportation Electrical Equipment Specifications (TEES). This state of the art traffic controller is completely compatible with the Type 332 and 336 traffic cabinet currently utilizing CALTRANS 170/179 controllers. The 2070L can be loaded with factory-provided traffic controller software or is capable of operating using other available software code.



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FEATURES

Direct replacement for 170 CU
 Compliant with CALTRANS 2070N specifications
 SDLC compatible communications
 2 - RS232 connectors (Type 170 C2 and C20 connectors)
 Ethernet interface for WAN applications using Cisco router

NAZTEC ITS CONTROLLER FEATURES

NTCIP compatible database as well as communications
 16 Phases, 4 timing rings / 16 programmable overlaps
 Same controller can serve as a master AND local

COORDINATION

2 NTCIP coordination modes (fixed and floating force-offs)
 7 additional coordination modes
 5 modes of walk recycle during coordination
 Adaptive splits (Critical Intersection Control)
 48 patterns (unique cycle, offset, splits and sequence)
 Shortway / longway transition using Begin or End Green

PREEMPTION

6 selectable fire or rail preempt programs
 4 selectable transit programs
 Return to coordinated phase after preempt

MEASURES OF EFFECTIVENESS

64 detector inputs provide volume / occupancy MOE's
 Occupancy-on-green allows local detectors to be used
 Complete detector diagnostics built into the controller

TIME-OF-DAY / TRAFFIC RESPONSIVE / TRAFFIC ADAPTIVE

Action plans called by time-of-day
 100 action plans selecting a pattern
 3 auxiliary functions / 8 special outputs per plan
 Day plan copy function
 Manual control screen
 Naztec "Easy" scheduler for faster entry
 Additional pattern based options and detector maps
 Traffic responsive operation using on-street masters
 CIC adaptive split algorithm