

3000ETM Series Traffic Controllers NEMA Traffic Signal Controllers

Traffic Control

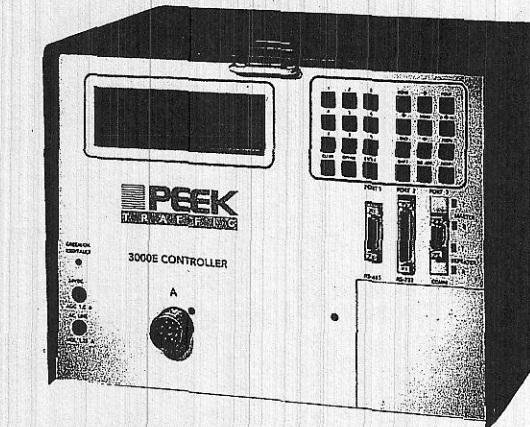
The 3000E Series is one of a global range of Traffic Signal Controllers developed by Peek Traffic to meet the differing demands of governments, traffic authorities and vehicle users world-wide.

The 3000E Traffic Signal Controller is designed specifically to meet US NEMA standards and is an enhanced version of the Peek 3000 Series Advanced NEMA Traffic Controller. The proven software of the current 3000 series controller has been improved with a new user interface and complimented by a new front panel layout. The rugged enclosure design facilitates easy access to all components from the front of the controller resulting in simpler maintenance and adaptation to ITS applications.

The 3000E utilizes the proven Motorola 68302 32-bit processor with extended memory for data logging. An efficient power supply and the use of surface mount technology and HCMOS logic provides added quality and improved reliability.

Available in a variety of configurations exceeding both NEMA TS/1 and TS/2 standards, the 3000E unit offers extensive customized D module configurations that are directly compatible with legacy Peek Transyt / TCT and other vendors' D modules.

In the TS/2 Type 1 configuration, the 3000E controls all inputs and outputs through the Port 1 high speed EIA-485. In the TS/1 and TS/2 Type 2 configuration, the unit includes the features of the TS/2 Type 1 unit, plus the TS/1 standard MSA, MSB, MSC connectors, and various available D modules, for downward compatibility with NEMA TS/1 cabinet facilities. Both models also provide a Port 2 EIA-232 terminal and a Port 3 telemetry interface capable of supporting protocols for various systems. For example, the Port 3 slot can host an Ethernet or an IQ Central translator card.



3000E TS/2 Type 1 Controller



3000E TS/2 Type 2 Controller

Features

- Enhanced functionality and user interface
- 8 row x 40 column character display
- Smart keyboard with user customized menu
- Extensive context sensitive help screens
- NEMA TS1 and TS2 standards compliant
- NTCIP compliant
- 16 vehicle and pedestrian phases
- 16 vehicle and pedestrian overlaps
- 4 rings and 8 barriers
- Compatible with IQ Central®
- Optional Ethernet