



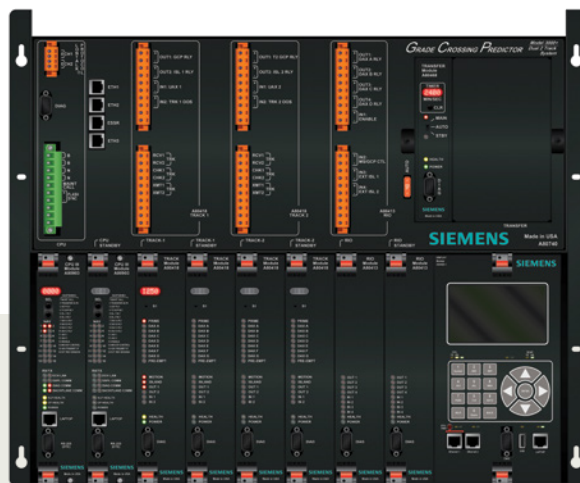
RAIL AUTOMATION

GCP 3000 Plus Series Grade Crossing Predictor

Siemens GCP 3000 Plus is an electronic, microprocessor based modular system designed to reliably detect the motion of an approaching train and start the crossing warning system.

Utilizing up to two (2) track circuits for train detection, with each track module having one (1) track predictor that is configurable as a motion sensor or predictor. Each track module has two (2) vital inputs and two (2) vital outputs. Two (2) track modules are required for each track circuit in redundant applications.

The Track Module Prime Predictor is generally used for control of local crossings. The Track Module DAX A through DAX D Predictors are generally used for control of remote crossings. One (1) RIO module required per main/standby for external islands or DAX functionality. The Track Module Preempt Predictor is generally used for interconnection with traffic signal systems. In addition to predictors, each track module is capable of providing a multifrequency island circuit.



Model A80740 GCP 3000 Plus Series Grade Crossing Predictor shown for reference purposes only. Actual unit selected may vary in mounting and features.

SIEMENS

Features

- Next generation decedent of proven legacy GCP 3000.
(No onboard SEAR or SSCC modules.)
- Utilizes proven GCP 4000/5000 modules and software updates are fully backwards compatible with the GCP 4000/5000.
(If utilizing existing modules from other GCP 4000/5000 units, module software may need confirmation through WebUI.)
- Capable of monitoring up to two (2) track circuits.
(Number of maximum track modules dependent on chassis of GCP system selected. On redundant systems, two (2) track modules needed for each track circuit.)
- Multiple ethernet ports available for interfacing with eSSR radios, as well as vital communications. *(Depending on configuration, some ports may not be activated.)*
- Enhanced user interface tools including OCE, WebUI and new display. *(Offline PAC files can only be created OCE version 2.4.6 or later.)*
- Common menu structure between all user interfaces.
- Generate office configuration check number (OCCN).
- Simple, tailored drop down menus for user friendly configuration, diagnostics and troubleshooting.

Ordering

To Order Call	Specify
1 (800) 793-7233	Assembly Number



Siemens Mobility, Inc.
One Penn Plaza
11th Floor, Suite 1100, New York, NY 10119, United States

Contact for information:
Rail Infrastructure Headquarters, Homestead, PA 15120
1 (800) 793-7233, siemensmobility.us@siemens.com

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