

# GRADE CROSSING PREDICTOR SINGLE TRACK, WITHOUT DAX REDUNDANT SYSTEM

MODEL 3000ND2



- **TWO IDENTICAL MODULE SETS WITH AUTOMATIC TRANSFER IN THE EVENT OF A MALFUNCTION**
- **ECONOMICAL SYSTEM USES STANDARD 3000 GCP PLUG-IN MODULES**
- **CASE ACCOMMODATES TWO DATA RECORDER INTERFACE MODULES**

The Model 3000ND2 Grade Crossing Predictor is a redundant, single track system without provision for DAX modules and is intended for use at locations where the DAX capability is not required. The single-bay case is designed for shelf, backboard, or 23-inch rack mounting and houses two identical module sets plus a single transfer module, with one module set functioning as the primary system while the other serves as the backup. In the event of a failure of one system, control is automatically switched to the other. The unit can also accommodate a pair of optional data recorder interface modules (80255) for monitoring GCP/crossing operation when used with the Safetran Event Analyzer/Recorder (SEA/R), 80250 or the SEAR II, A80273. The standard plug-in keyboard assembly (80019) is used to program both module sets without the need to relocate the keyboard.

## SPECIFICATIONS

### MODEL 3000ND2 GCP

**Dimensions:** 14.375 inches (36.51 centimeters) high  
23 inches (58.42 centimeters) wide  
11.34 inches (28.80 centimeters) deep

**Weight:** 30 pounds (13.61 kilograms) (approximate)

For operation and general specifications, see catalog page B-1-2  
Refer to the Instruction and Installation Manual for the Model 3000 GCP Family for applicable system specifications.

## ORDERING INFORMATION

To order, specify description and part number.

Description	Part No.
Basic Model 3000ND2 GCP, Single Track Operation, Automatic Transfer, without DAX Includes the following: Case, 80151 (1) Intelligent Processor Island Module, 80211 (1) Transceiver Module, 80012 (1) Relay Drive Module, 80013 (1) Processor Module, 80214 (2) Control Interface Module, 80029 (1) Transfer Module, 8800028 (1)	80160-001
Basic Model 3000ND2 GCP, Single-Track Operation, Automatic Transfer, without DAX, with Two (2) Data Recorder Modules, 80115	80160-011
Basic Model 3000ND2 GCP, Single Track Operation, Automatic Transfer, without DAX, with Two (2) Data Recorder Interface Modules, 80255	80160-021*
Basic Model 3000ND2 GCP, Single Track Operation, Automatic Transfer, without DAX, with Keyboard	80160-101
Basic Model 3000ND2 GCP, Single-Track Operation, Automatic Transfer, without DAX, with Two (2) Data Recorder Modules, 80115, plus Keyboard	80160-111
Basic Model 3000ND2 GCP, Single Track Operation, Automatic Transfer, without DAX, with Two (2) Data Recorder Interface Modules, 80255 and Keyboard	80160-121*

\* Requires the use of Safetran's Event Analyzer/Recorder (SEA/R), 80250 or the SEAR II, A80273.  
(Please see catalog section B-13-1 for information on the SEA/R).

**NOTE:** For accessories and replacement parts, see pages B-1-16 and B-1-17.  
To order a GCP case without the island module, add a -0 to the end of the part number  
(example: 80XXX-XXX-0)