



Series Six™ Programmable Controllers

GEK-84871B

Redundant Processor Unit Data Prom Module

March 1989

General Description

The Data PROM Module contains the executive program for the Redundant **Processor Unit (RPU)**. The module includes Programmable Read-Only Memory (PROM) devices which provide non-volatile storage

of software required for RPU operations. The Data PROM Module features and benefits are summarized in Table 1, while module specifications are shown in Table 2.

Table 1. Features and Benefits

FEATURES	BENEFITS
Contains RPU executive firmware	Provides intelligent capabilities in the RPU
Programmable Read-Only Memory (PROM)	Provides reliable, non-volatile, storage

Table 2. Specifications

Dimensions:	Circuit Board: 8.15 x 11.0 x 1.1 (inches) 208 x 280 x 28 (mm) Faceplate: 12.46 x 1.175 (inches) 317 x 30 (mm)
Power Requirements:	5 V dc, 2.0 A (Supplied by RPU power supply)
Storage Temperature:	-40° to +70° c
Operating Temperature:	0° to 60° C (Outside of rack)
Humidity:	5% - 95% (non-condensing)

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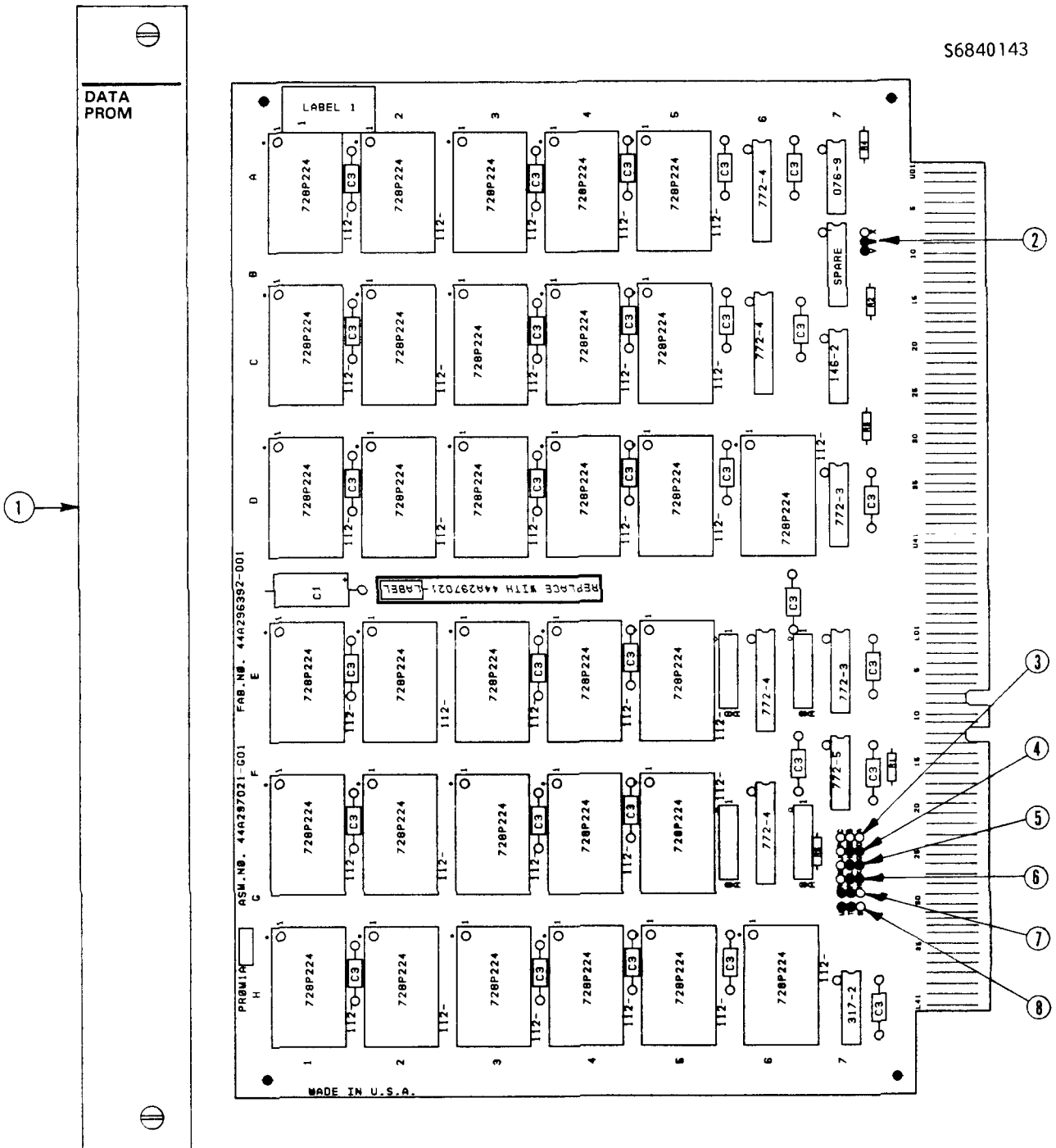


Figure 1. User Items

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. Faceplate. 2. Jumper VW Jumper position set at factory. 3. Jumper ABC No jumper 4. Jumper DE Jumper position set at factory. | <ol style="list-style-type: none"> 5. Jumper GH Jumper position set at factory. 6. Jumper KL Jumper position set at factory. 7. Jumper PR Jumper position set at factory. 8. Jumper TU Jumper position set at factory. |
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GEK-8487B

Installation

Before installing the Data FROM module, verify the positions of the factory-installed jumpers as indicated in **Figure I**.

The module must be inserted in the fifth slot from the left in the RPU. To ensure proper installation, use the extraction/insertion tool supplied with the RPU. Secure the faceplate to the rack by tightening the thumbscrews at the top and bottom.

This module may be inserted or removed under power provided that the RUN/HOLD switch on the Main Power Supply is set to the HOLD position.

EPROM upgrade kits are provided from time to time. These typically replace only the operational firmware contained in the EPROMS at locations H5, D5, H3, and D3.

Table 3. Ordering Information

Equipment	Catalog Number
Circuit Board and Faceplate	IC600RM716
Faceplate	IC600FP701

The UL symbol on the nameplate means the product is listed by Underwriters Laboratories Inc. (UL Standard No. 508, Industrial Control Equipment, subsection Electronic Power Conversion Equipment.)

For further information, contact your local GE Fanuc sales **representative**.