

Series Six Programmable Controllers

GEK-84873C

Redundant Processor UnitData Storage CMOS Memory Module

March 1989

General Description

The CMOS Data Storage Memory Module (8K version) used in the Redundant Processor Unit (RPU) provides 8,192 words of random access memory. This module is supplied with a battery; however,

since battery backup is not required for RPU functions, the battery and its associated status LED are not used in the RPU. The features and benefits of the Data Storage Memory module are summarized in Table 1, while Table 2 provides module specifications.

Table 1. Features and Benefits

Features	Benefits		
CMOS RAM	Enhanced reliability through less power consumption and heat dissipation		

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, 350 mA +I2 V dc, 10 mA (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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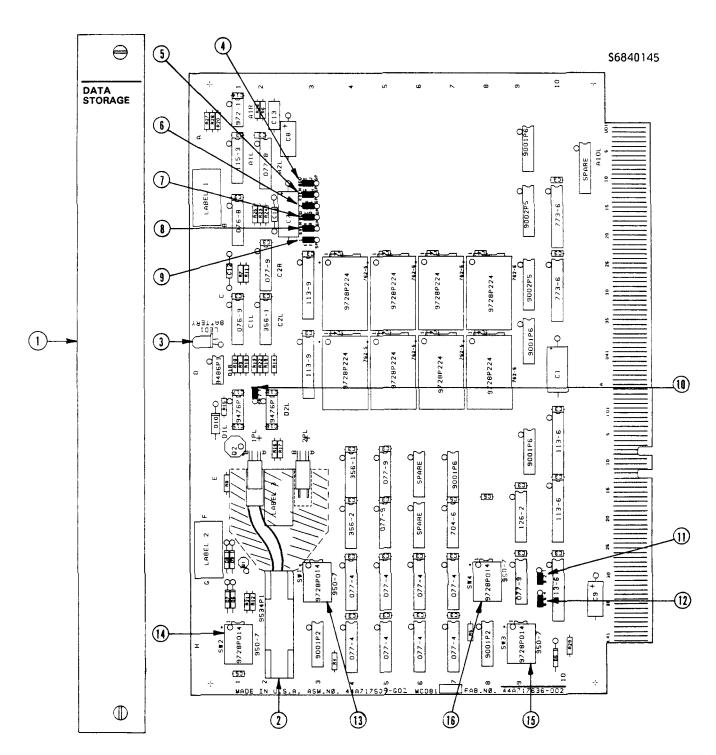


Figure 1. User Items

GEK-84873C

1	Facep!	late
1.	I uccp.	uic

2. Battery (not used in RPU)

3. Battery Status LED (not used in RPU)

4. Jumper IJ

5. Jumper GH

6. Jumper KL

7. Jumper CD

8.	Jumper	AB
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9. Jumper EF

10. Jumper YZ

11. Jumper 3 2 1

12. Jumper 6 5 4

13. see below.

DIP SWITCHES	1	2	3	4	5	6	7
13 SW1	С	С	С	С	С	С	С
14 SW2	С	С	С	С	С	С	0
15 SW3	С	С	С	С	С	0	0
16 SW4	С	С	С	С	С	0	С

0 = Open, C = Closed

Figure 1, User Items (Cont'd)

Installation

Before installing the CMOS module in the RPU rack, verify the positions of the factory-set jumpers as shown in Figure 1.

Set the Dual-In-Line-Package (DIP) switches to the correct configuration (Refer to Figure 1, User Items 13-16).

The CMOS Data Storage module must be inserted in the third slot from the left in the RPU. Use the extraction/insertion tool supplied with the RPU to firmly seat the module. Secure the faceplate to the rack by tightening the thumbscrews at the top and bottom.



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

Table 3. Ordering Information

Equipment	Catalog Number
CircuitBoardandFaceplate Faceplate	IC600RM715 IC600FP756

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.