



Series Six Programmable Controllers

GEK-84873C

Redundant Processor Unit Data 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 +12 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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|---|------------------|
| 1. Faceplate. | 8. Jumper AB |
| 2. Battery (not used in RPU) | 9. Jumper EF |
| 3. Battery Status LED (not used in RPU) | 10. Jumper YZ |
| 4. Jumper IJ | 11. Jumper 3 2 1 |
| 5. Jumper GH | 12. Jumper 6 5 4 |
| 6. Jumper KL | 13. see below. |
| 7. Jumper CD | |

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

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.

CAUTION

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
Circuit Board and Faceplate	IC60ORM715
Faceplate	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.