GE PACSYSTEMS RX3I

Product Data Sheet

IC694MDL931

8-point isolated relay output module

OUTPUT COUNT	CONTACT ARRANGEMENT	NOMINAL FIELD VOLTAGE	DC SWITCHING RANGE
8 isolated outputs	**4 normally closed and 4 Form C**	**24 V DC; 120/240 V AC, 50/60 Hz**	**5-30 V DC; higher-voltage limits in load table**

GE IC694MDL931 is an RX3i isolated relay output module with eight separately commoned circuits. Its contacts comprise four normally closed relays and four Form C relays, allowing the documented AC or DC load connections.

01 TECHNICAL DATA

Output count	8 isolated outputs
Contact arrangement	4 normally closed and 4 Form C
Nominal field voltage	24 V DC; 120/240 V AC, 50/60 Hz
DC switching range	5-30 V DC; higher-voltage limits in load table
AC switching range	5-250 V AC, 50/60 Hz
Resistive current per point	8 A maximum, subject to thermal/load limits
UL total module current	20 A maximum
Minimum load	10 mA
Inrush current	8 A maximum for one cycle
Field-to-backplane isolation	250 V AC continuous; 1500 V AC for 1 minute

GE Fanuc PACSystems RX3i System Manual GFK-2314, June 2004, pages 7-35 to 7-38.

02 ADDITIONAL PRODUCT DATA

Point-to-point isolation	250 V AC continuous; 1500 V AC for 1 minute
ON/OFF response	15 ms maximum each
Output leakage	1 mA maximum at 250 V AC and 25 deg C
5 V backplane demand	6 mA with all outputs ON
24 V relay-bus demand	110 mA with all outputs ON

03 PRODUCT FUNCTION

Each circuit is rated up to 8 A resistive under the applicable load and temperature limits. The module uses backplane 5 V and relay-bus 24 V power, provides numbered output indicators and requires external field power; no onboard output fuses are provided.

04 SYSTEM COMPATIBILITY

Assess the 8 A point limit against load type, ambient temperature and the 20 A UL module total. The normal switching ranges are 5-30 V DC and 5-250 V AC; the higher DC voltages in the manufacturer load-life table have lower permitted currents.

05 REFERENCE

GE Fanuc PACSystems RX3i System Manual GFK-2314, June 2004, pages 7-35 to 7-38.

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