GE PACSYSTEMS RX3I

Product Data Sheet

IC694MDL916

16-point isolated relay output module

OUTPUT CONTACTS	DC OUTPUT RANGE	AC OUTPUT RANGE	AC RESISTIVE CURRENT
16 isolated Form A relays	**5-125 V DC**	**5-250 V AC, 47-63 Hz**	**4 A maximum at 5-250 V AC**

GE IC694MDL916 is a PACSystems RX3i output module containing sixteen isolated normally-open Form A relays. Each output has a separate return, and the contacts switch externally supplied AC or DC field power.

01 TECHNICAL DATA

Output contacts	16 isolated Form A relays
DC output range	5-125 V DC
AC output range	5-250 V AC, 47-63 Hz
AC resistive current	4 A maximum at 5-250 V AC
Low-voltage DC resistive current	4 A maximum at 5-30 V DC
125 V DC resistive current	200 mA maximum
Pilot-duty and lamp load	2 A per output at specified AC/DC voltages
Minimum current	10 mA per point
Isolation withstand	250 V AC continuous; 1500 V AC for 1 minute
Backplane power demand	300 mA maximum at 5 V DC, all outputs ON

GE Fanuc GFK-2404A, March 2009; IC694MDL916 ratings, default switch and field wiring.

02 ADDITIONAL PRODUCT DATA

Maximum contact drop	0.3 V DC
Switching response	10 ms maximum ON/OFF, excluding contact bounce
Switching rate	20 cycles per minute maximum
Output default selection	Upper DIP switch: Hold Last State or Force Off
Terminal-block supervision	Presence detection reported to RX3i CPU

03 PRODUCT FUNCTION

The module supports up to 4 A per point at the documented low-voltage DC or AC resistive ratings, with reduced current at 125 V DC. An upper rear DIP switch selects Force Off or Hold Last State, and terminal-block and other diagnostic conditions are reported to the RX3i CPU.

04 SYSTEM COMPATIBILITY

Wire each isolated Form A output and return from the manufacturer terminal table. Apply the separate AC, low-voltage DC and 125 V DC load limits, and evaluate simultaneous outputs against the thermal derating graph. With IC695PSD040 or PSD140 supplies, source-voltage dropouts can cause relay dropouts.

05 REFERENCE

GE Fanuc GFK-2404A, March 2009; IC694MDL916 ratings, default switch and field wiring.

AMIKON PRODUCT SUPPORT

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