

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

GENERAL ELECTRIC

IC694MDL758

POSITIVE LOGIC DIGITAL OUTPUT MODULE

Used with the applicable PACSystems RX3i configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: GE Intelligent Platforms PACSystems RX3i catalog, discrete output modules, page 1.25



Discrete I/O Modules (Output)

Input modules provide the interface between the PLC and external input devices such as proximity sensors, push buttons, switches, and BCD thumbwheels. Output modules provide the interface between the PLC and external output devices such as contactors, interposing relays, BCD displays and indicator lamps. GE offers a variety of modules that support different voltage ranges and types, current capacity, isolation and response time to meet your application needs.

	IC694MDL758	IC694MDL754	IC695MDL765	IC694MDL930
Product Name	PACSystems RX3i DC Voltage Output Module, 12/24 VDC Positive Logic with ESCP (Self Healing) per group, 0.5 A, 32 Point Output (Two groups of 16)	PACSystems RX3i DC Voltage Output Module, 12/24 VDC Positive Logic with ESCP (Self Healing), 0.75 A, 32 Point Output	RX3i DC Voltage Output Module, 24/125 volt DC 2 A Smart Digital Output module, 16 Point Output	PACSystems RX3i AC/DC Voltage Output Module, Relay, N.O., 4 A Isolated, 8 Point Output
Lifecycle Status	Active	Active	Active	Active
Module Type	Discrete Output	Discrete Output	Discrete Output	Discrete Output
Backplane Support	No Backplane Restrictions	No Backplane Restrictions	Universal Backplane Only. Uses PCI Bus.	No Backplane Restrictions
Number of Slots Module Occupies on Backplane	1	1	1	1
Output Voltage Range	12-24 VDC	12-24 VDC	18 to 30 VDC 105 to 132 VDC	0 to 125 VDC, 5/24/125 VDC nominal 0 to 265 VAC (47 to 63 Hz), 120/240 VAC nominal
Number of Points	32	32	16	8
Isolation	N/A	N/A	N/A	Yes
Diagnostics	Electronic Short Circuit Detection Per 16 points	Short Circuit Detection	• Output Pulse Test • Over temperature • Failed Switch Detection • Overload Detection and Shutdown • No-load Detection	N/A
Load Current per Point	0.50 A	0.75 A	2 A	2 A
Response Time (ms)	0.5 on/0.5 off	0.5 on/0.5 off	1 msec maximum	15 on/15 off
Output Type	Transistor	Transistor	Transistor	Relay
Polarity	Positive	Positive	Positive	N/A
Points per Common	16	16	16	1
Connector Type	IC694TBBx32 or IC694TBSx32. Sold Separately.	IC694TBBx32 or IC694TBSx32. Sold Separately.	IC694TBBx32 or IC694TBSx32. Sold Separately.	Terminal Block (20 screws), included with module.
Internal Power Used	250 mA @ 5 VDC	300 mA @ 5 VDC	540 mA @ 5.1 VDC; 152 mA @ 3.3 VDC	6 mA @ 5 VDC; 70 mA @ 24 VDC Relay