

8000 RDO-732

The 8000 RDO-732 is a 32-channel digital output module with 4 isolated commons. This module is designed to operate as a relay output module for the Square D Company SY/MAX® Models 300, 400, 500, 600, and 700 processors. The module is packaged in a steel case and plugs directly into a register slot to provide very high density I/O.

Each output point is designed to switch up to 2.0 amps at a maximum of either 120 Vac or 30 Vdc. Additionally, each output point has a corresponding red LED indicator on the upper front of the module which illuminates when the output is turned ON by the processor. The output relays are allowed to operate only when the processor keyswitch is in the RUN position. The LEDs, however, operate in both the RUN and DISABLE OUTPUTS positions.

Also located on the front of the module are two removable terminal strips which support 32 outputs and 4 commons (1 common per 8 outputs). These removable terminal strips allow quick replacement of the module by eliminating the need for rewiring.

APPLICATIONS

- Limited rack space
- Limited cabinet space
- Direct 120 Vac or 24 Vdc control in one module

BENEFITS

- Standard-depth module
- 32 output points, 8 points per common
- Compatible with SY/MAX Models 300, 500, 600, 650, or 700 processors
- Plugs directly into the register slot
- Compatible as local or remote I/O
- Removable terminable blocks for easy module replacement



RDO-732

ELECTRICAL SPECIFICATIONS

Outputs Per Module	32
Outputs Per Common	8
Maximum Output Voltage	120 VAC / 30 VDC
Maximum Output Current Per Common	10 A
Maximum Output Current Per Point	2.0 A
Fuse	12 A, Buss MDA-12
Common-to-Common Isolation	1000 V
Turn-ON Time	10 mS (Nominal)
Turn-OFF Time	10 mS (Nominal)
Power Requirements	1170 mA (75% Duty Cycle) 1460 mA (100% Duty Cycle)
LED Operation	Red LEDs illuminate when the associated register bit is ON
Rack Compatibility	RRK-100/200/300, HRK-100/150/200, CRK-210/300, DRK-210/300, GRK-110/210

PHYSICAL SPECIFICATIONS

Weight	2.9 lb, 1.3 kg
Dimensions (HxWxD)	1.5 x 12.8 x 6.6 in., 3.8 x 32.5 x 16.8 cm

ENVIRONMENTAL SPECIFICATIONS

Ambient Temperature Rating	0-60°C/32-140°F (Operational)
Storage Temperature Rating	-40 to 100°C
Humidity Rating	5-95% Relative Humidity (non-condensing)
Certifications	UL, CUL Class I, Division 2 Groups A, B, C, and D Hazardous Locations

ORDERING INFORMATION

Catalog Number	8000 RDO-732
Description	32-Channel Relay Output Module

OTHER SPECTRUM PRODUCTS

Industrial PLC I/O Products

Digital Input: High Density, Isolated, Counters
Output: High Density, High Power, Form C

Analog Combination, Output, Temp.

Operator Interface Products

SOI-120	2x20 LCD
SOI-200	4x20 LCD
SOI-250	4x20 VFD
SOI-260LC	4x20 LCD
SOI-260VF	4x20 VFD

Communications Products

Communication Processor
RS-232 Converters

Industrial Computing Products

FLATpak Series NEMA Rated

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