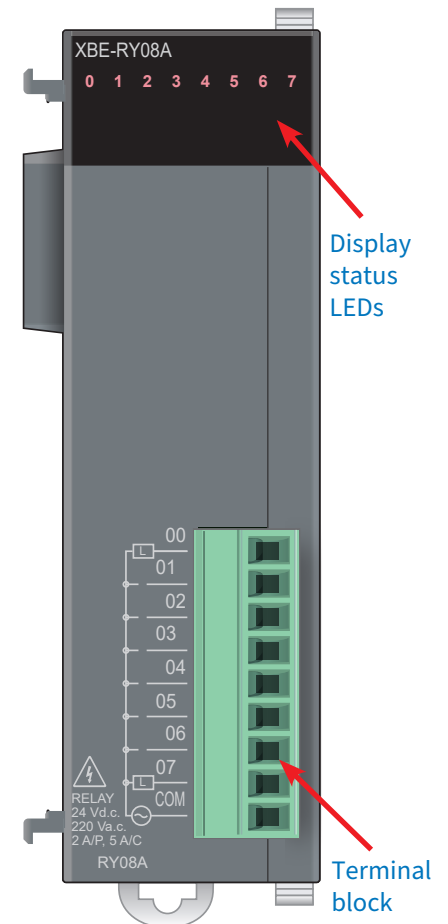


XBE-RY08A Digital Output Module

XBE-RY08A is an 8-point relay output card where all outputs share 1 common.

Part Number	Price	Classification	Description	Drawing
XBE-RY08A	\$80.00	Relay Output Module	LS Electric XGB relay output module, 8-point, 125 VDC/250 VAC, (8) Form A, 1 common(s), 8 point(s) per common, 2A/point, 5A/common. Removable terminal block included.	PDF

General Specifications		XBE-RY08A
Output Point		8 point
Insulation Method		Relay insulation
Rated Load Voltage		24VDC (resistive load) / 220VAC (COSΨ=1), 5A/COM
Rated Load Current		2A
Minimum Load Voltage/Current		5VDC / 1mA
Maximum Load Voltage		250VAC, 125VDC
Off-leakage Current		0.1 mA (220VAC, 60Hz)
Maximum On/Off Frequency		3,600 times/hour
Over Voltage Protection		None
Service Life	Mechanical	20 million times or more
	Electrical	Rated load voltage / current 100,000 times or more
		200VAC / 1.5 A, 240VAC / 1A (COSΨ=0.7) 100,000 times or more
		200VAC / 1A, 240VAC / 0.5 A (COSΨ=0.35) 100,000 times or more
		24VDC / 1A, 100VDC / 0.1 A (L/R=7ms) 100,000 times or more
Response Time	Off → On	10ms or less
	On → Off	12ms or less
Common Method		8 point / COM
Proper Cable Size		Standard cable 0.3–0.75 mm ² (external diameter 2.8 mm or less)
Current Consumption		220mA (when all point ON)
Operation Indicator		Output ON, LED ON
External Connection Method		9 point terminal block connector
Weight		80g



XBE-RY08A - Digital I/O Module Configuration

Direct Variables

The base rack slot number determines the Direct Variable name for the module. Each slot is automatically allocated 64 input points and 64 output points. See the chart below for the actual input direct variable assignments.

For Direct Variable nomenclature explanation, see [Direct Variable User Programming Memory](#).

Part Number	PLC Memory Allocation	Actual I/O Direct Variable
XBE-RY08A	Input: %IX0.z.0 – %IX0.z.63 Output: %QX0.z.0 – %QX0.z.63	%QX0.z.0 – %QX0.z.7

“z” denotes the module slot (2 to 8).

Follow the Quick start video to learn how to Register and Configure any Digital I/O Module.
[Digital Module Setup](#)

XBE-RY08A Digital Output Module Wiring

XBE-RY08A Circuit Configuration			
Circuit Configuration	Terminal Description	I/O Direct Variable	Terminal Block Image
	00	%QX0.z.0	
	01	%QX0.z.1	
	02	%QX0.z.2	
	03	%QX0.z.3	
	04	%QX0.z.4	
	05	%QX0.z.5	
	06	%QX0.z.6	
	07	%QX0.z.7	
COM	n/a		

Note: In the I/O Direct Variable name, z=slot number.