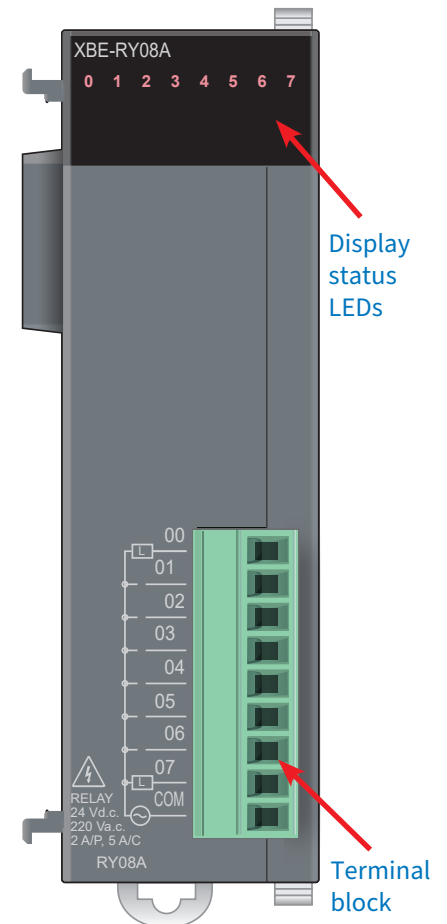


XBE-RY08A Digital Output Module

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				
Response Time		<table border="0"> <tr> <td>Off → On</td> <td>10ms or less</td> </tr> <tr> <td>On → Off</td> <td>12ms or less</td> </tr> </table>	Off → On	10ms or less	On → Off	12ms or less
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.