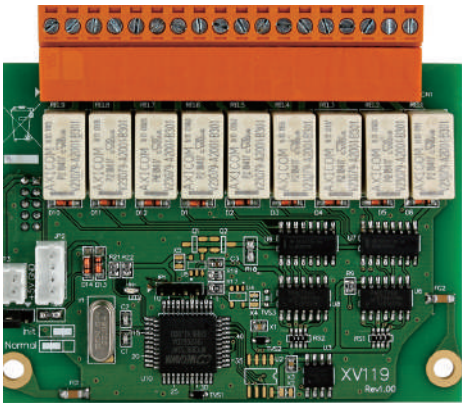


XV119

9-channel Signal Relay Output Module

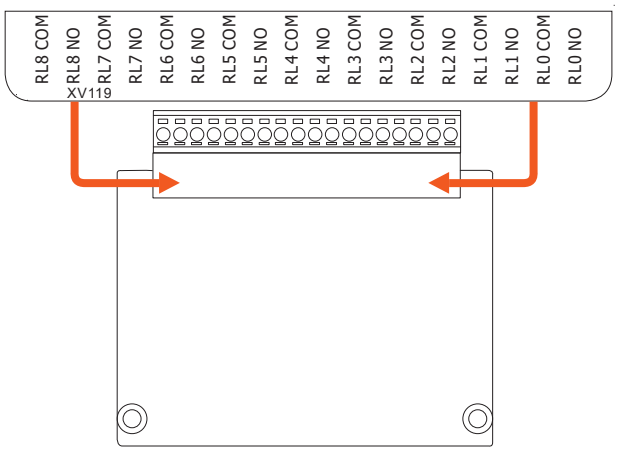
Features

- 9 Signal Relay Output channels
- 4 kV ESD Protection
- 3750 VDC Intra-module Isolation
- Configurable Power-on Value Settings
- Configurable Safe Value Settings
- Wide Operating Temperature Range: -25 ~ + 75°C

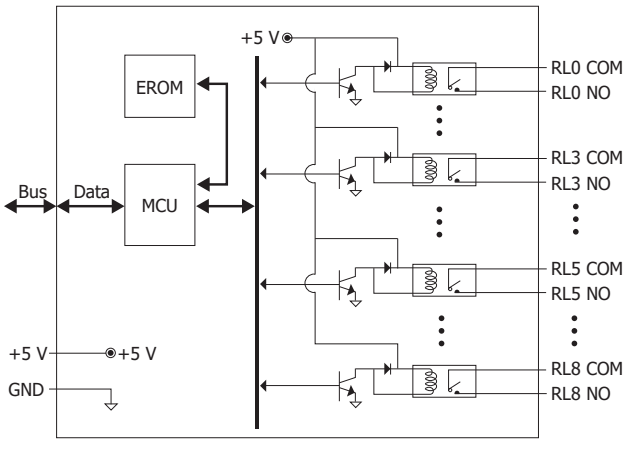
Introduction

The XV119 provides 9 Form A Signal relay output channels. The XV119 also provides options for configuring power-on and safe digital output values. 4 kV ESD protection and 3750 VDC intramodule isolation are also provided to enhance noise immunity capabilities in industrial environments.

Pin Assignments



Internal I/O Structure

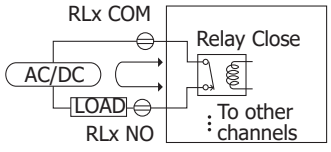
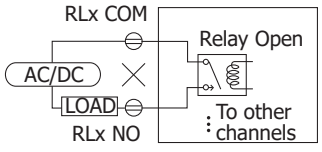


Specifications

Isolation		
Intra-module Isolation		3750 VDC
EMS Protection		
ESD (IEC 61000-4-2)		±4 kV Contact For Each Terminal
		±8 kV Air For Random Terminal
Relay Output		
Channels		9
Type		Signal Relay
Form A Relay	Contact Material	Silver Nickel, Gold-covered
	Contact Rating	2 A @ 30 VDC
		0.24 A @ 220 VDC
		0.25 A @ 250 VAC
	Operate Time	3 ms (typical)
	Release Time	4 ms (typical)
	Electrical Endurance	2×10^5 ops.
	Mechanical Endurance	10^8 ops.
Power on Value		Yes
Safe Value		Yes
COM Ports		
Baud Rate		115200 bps
Data Format		N, 8, 1
Protocol		Modbus/RTU
Power		
Consumption		1.2 W Max.
Powered from Terminal Block		5 VDC
Mechanical		
Dimensions (mm)		59 mm x 82 mm x 13 mm (W x L x H)
Environmental		
Operating Temperature		-25 ~ +75 °C
Storage Temperature		-30 ~ +80 °C
Humidity		10 ~ 90% RH, Non-condensing

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Wire Connections

Signal Relay	Readback as 1	Readback as 0
Relay Output		

Ordering Information

XV119 CR	9-channel Signal Relay Output Module (RoHS)

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