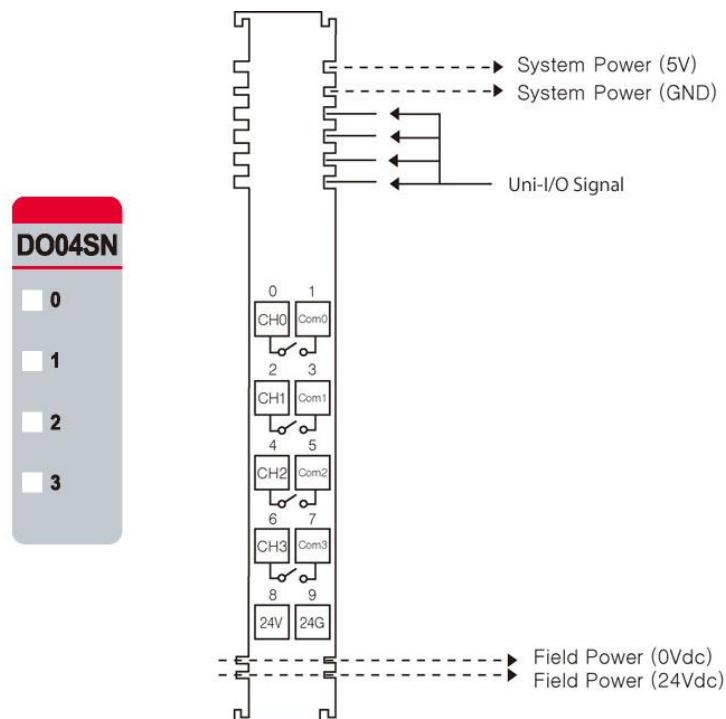


## URD-0004SN (DO04SN) - 4 Solid State Relay

Items	Specification
Output per module	4 Points, Bi-directional
Indicators (Logic side)	4 Green Output state
Relay Type	MOS Relay (Solid State Relay)
Output Voltage Range ( Load Dependent )	Max. 24VAC @ 2A resistive Max. 24VDC @ 2A resistive
Output Delay Time (resistive load)	AC: OFF to ON : Max. 1ms ON to OFF : Max. 3ms  DC: OFF to ON : Max. 1 ms ON to OFF : Max. 3.5ms
Output Current Rating	Max. 2A per channel -40°C to 70°C (-40°F to 158°F) : Max. 7A per unit -40°C to 50°C (-40°F to 122°F) : Max. 8A per unit
Frequency Range (VAC)	47Hz ~ 63Hz
Commons Type	4Points / 2COM (Single Common)
Power dissipation	80mA @ 5.0VDC
Isolation	I/O to Logic : Isolation Field Power : Non-isolation
Field Power	Supply Voltage : 24VDC Voltage Range : 15 ~ 32VDC (AC Power Not Used)
Wiring	I/O Cable Max. 2.0mm <sup>2</sup> (AWG 14)
Weight	58g
Module Size	12mm x 99mm x 70mm
Operating temperature	-40°C to 70°C (-40°F to 158°F)

### 1. Wiring Diagram



Pin No.	Signal Description	Pin No.	Signal Description
0	Output 0	1	COM 0
2	Output 1	3	COM 1
4	Output 2	5	COM 2
6	Output 3	7	COM 3
8	Field Power 24V	9	Field Power 0V

## 2. LED Indicators

LED No.	LED Function / Description	LED Color
0	Output 0	Green
1	Output 1	Green
2	Output 2	Green
3	Output 3	Green

Status	LED	Indication
No Signal	Off	No Output Signal
On Signal	Green	Normal Operation