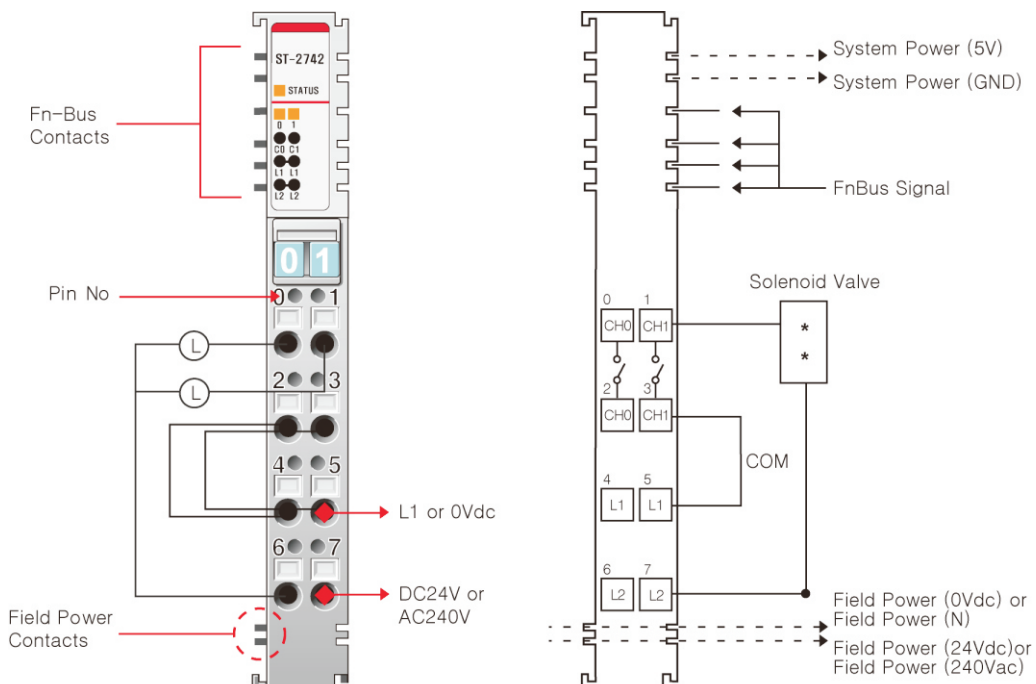


## 2 Points Relay Output 240Vac/2A, 24Vdc/2A

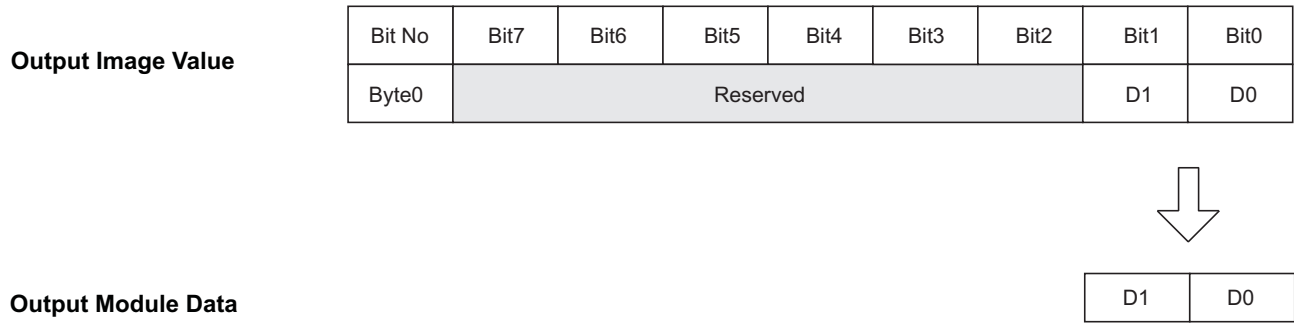
- ST-2742는 2 Channels relay output입니다.
- 접속된 부하는 control system으로 부터 digital output(relay contact)을 통해 연결됩니다.
- 이 module에는 3개의 상태 LED가 있으며, 하나는 network 상태, 나머지는 field devices 상태를 위한 것입니다.
- 주의 : Relay를 사용할 경우 반드시 Power Distributor를 사용하여야 합니다.

Items	Specification	Pin No	Description
<b>Output Specification</b>		0	Relay Output Channel 0_A
Outputs Per Module	2 Points	1	Relay Output Channel 1_A
Indicators	2 Green Output States, 1 Green / Red FnBUS State	2	Relay Output Channel 0_B
Relay type	Form A, normally Open(N.O.) Single Pole, Single Throw(SPST)	3	Relay Output Channel 1_B
Output Voltage Range (Load Dependent)	5~28.8Vdc @ 2.0A Resistive 48Vdc @ 0.8A Resistive 110Vdc @ 0.5A Resistive 250Vac @ 2.0A Resistive	4	L1 / N / Field Ground (0Vdc)
Output Current Rating (at rated power)	2A @ 5~28.8Vdc 0.8A @ 48Vdc 0.5A @ 110Vdc 2A @ 250Vac	5	L1 / N / Field Ground (0Vdc)
Min. Load	100uA, 100mVdc Per Point	6	L2 Output Field Power (24Vdc / 240Vac)
Max. On-state Voltage Drop	0.5V @ 2.0A, Resistive Load, 24Vdc	7	L2 Output Field Power (24Vdc / 240Vac)
Off-State Leakage Current	Max. 1.5mA		
Output Signal Delay	On to Off : Max. 10ms, Off to On : Max. 10ms		
Initial Contact Res.	30mΩ		
Expected Contact Resistance	300K Cycles Resistive, 100K Cycles Inductive		
Common Type	1 Points / 1 COM		
<b>General Specification</b>			
Power Dissipation	Max. 65mA @ 5.0Vdc		
Isolation	Field Power : Non-isolation		
Field Power	Supply Voltage : 24Vdc, 240Vac Voltage Range : Min. 10Vdc to Max. 28.8Vdc		
Wiring	I/O Cable Max. 2.0mm <sup>2</sup>		
Weight	65g		
Environment Condition	Refer to " Environment Specification"(page : 1-261)		

### Wire diagram



**Mapping Data into the Image Table**



**Expansion Module Status LED**

Status	LED is	To indicate
Not Powered	Off	Device has no expansion Module or may not be powered
No Initialized		The Parameter is not initialized yet.
Fn-Bus Connection	Green	FnBus normal Operation
Fn-Bus Ready	Flashing Green	FnBus Ready
Fn-Bus Fault	Flashing Red	FnBus Time Out FnBus Failed Communication
Device Fault	Red	Device Fault

**Channel Status LED**

Status	LED is	To indicate
Not Signal	Off	Normal Operation
On Signal	Green	Normal Operation