ST-7111, ST-7511

Expansion Power, 1 Channel, Input 24Vdc, Output 1.0A/5Vdc (ST-7111)
1 Channel, Input 24Vdc, Output 1.0A/5Vdc, ID Type (ST-7511)

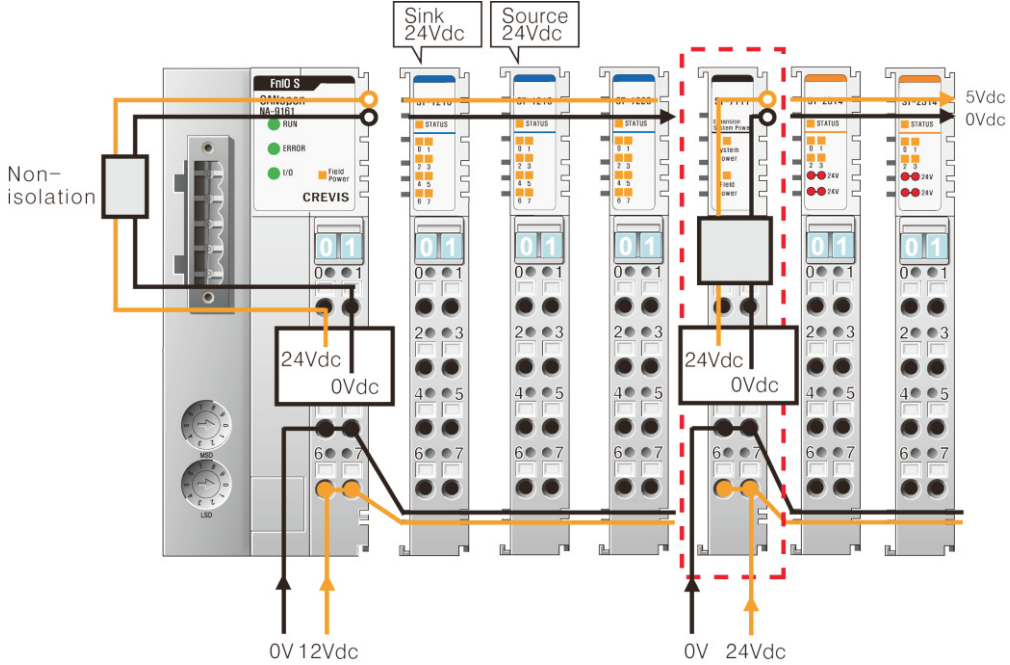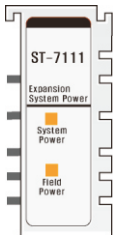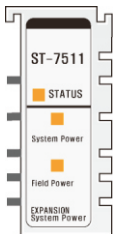| Item	ST-7111	ST-7511
Input Specification		
System Input Voltage range	11Vdc to 28.8Vdc	
System Power Input Voltage	Normal 24Vdc	
Field Power Input Voltage	Normal 24Vdc (±20%)	
Fn-Bus Output Voltage	Max. 5Vdc, 1A	
Field Power contacts Current	Max. 10A	
Indicators	2 Green Input state	1 Green/Red LED, Module Status /2 Green LED, Input status
Operating Temperature	-20 to +60℃	-
Storage Temperature	-45 to +85℃	-
Specification	Output Specification	General Specification
System Power Dissipation	-	Max. 14mA @24Vdc
Wiring	I/O Cable Max. 2.0㎟ (AWG#14)	
Weight	70g Max.	
Module Size	12mm x 99mm x 70mm	
Environment Condition	Refer to " Environment Specification"(page : 1-191)	
Pin No.	Description	Description
0	System Power (+24Vdc)	System Power (+24Vdc)
1	System Power (+0Vdc)	System Power (+0Vdc)
2	Field Ground	Field Ground
3	Field Ground	Field Ground
4	Field Ground (0V)	Field Ground (0V)
5	Field Ground (0V)	Field Ground (0V)
6	Field Ground (24V)	Field Ground (24V)
7	Field Ground (24V)	Field Ground (24V)

Power Module

Example :

When you are using a FnIO setup that requires more than 1.5A for system power (+5) or 10A of field power, you will need to add a ST-7111, ST-7511 expansion power module to ensure that enough power will be available to all the ST Modules.

Status LED

Power	LED Status	Indicates
OFF	OFF	Inactive (Normal)
ON	Green	Active (Normal)

Status	STATUS LED is	Indicates
Not Power	OFF	Device has no expansion Module or May Not is Power.
No Initialized		The Parameter is not initialized yet
Fn-Bus Connection	Green	Fn-Bus Normal Operation
Fn-Bus Ready	Flashing Green	Fn-Bus Ready
Fn-Bus Fault	Flashing Red	Fn-Bus failed Communication
Device Fault	Red	Device Fault