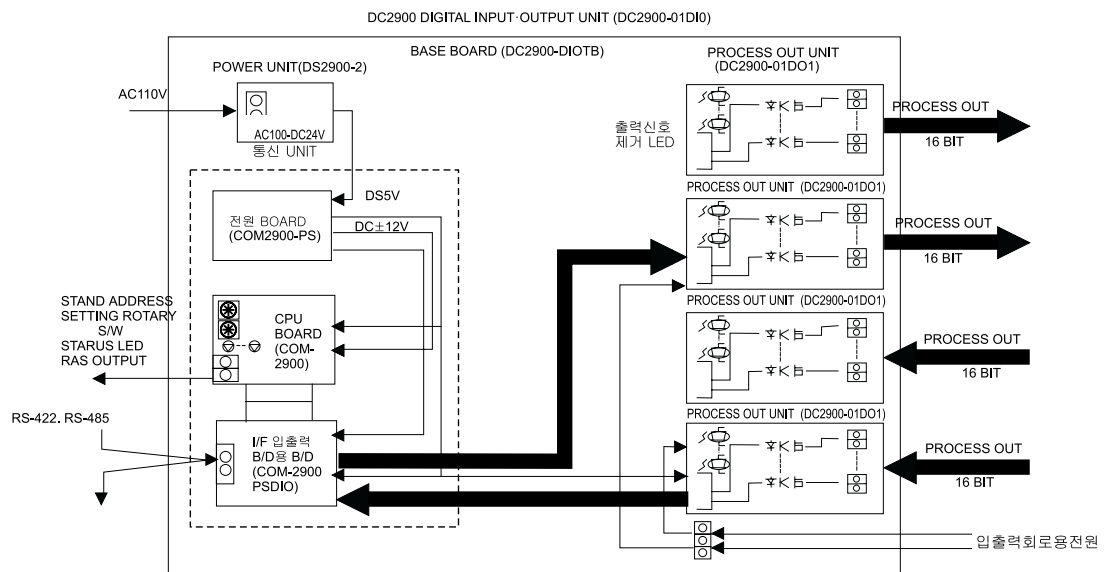
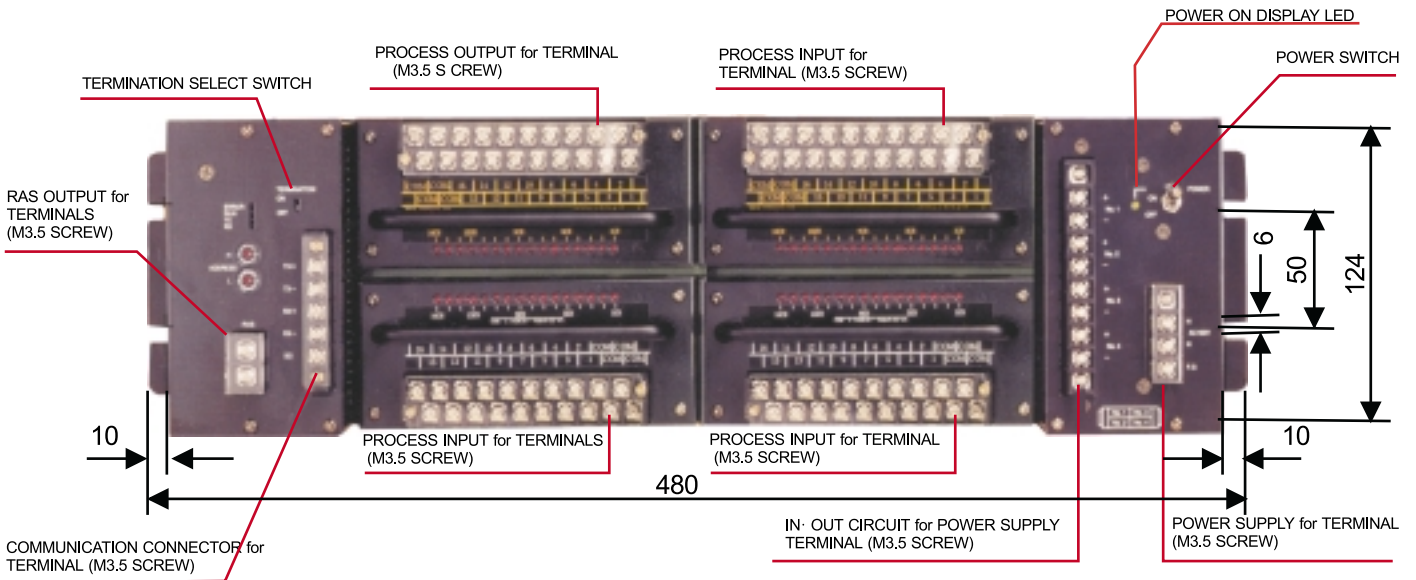


# DC-2900-DIO

## DIGITAL SIGNAL PROCESSING UNIT

DC2900-DIO는 16 CHANNEL단위의 입출력 MODULE을 포함하는 것으로서, 최 64CHANNEL의 입출력을 처리 할 수 있습니다. 입출력 신호는 RS-422A/485 통신에 의한 COMMAND 대응으로 HOST COMPUTER등에 INTERFACE 됩니다. 입력신호의 NOISE및 CHATTERING을 제거하기 위하여 SOFTWARE FILTER를 준비하고 있습니다.





## DIGITAL INPUT MODULE SPECIFICATIONS

- ⌘ Input Point : 16 Point (Chattering Prevention Filter Function)
- ⌘ Input Signal : Open Collector Or Dry Contact
- ⌘ Input Power : About 5mA (Input Circuit Power : 24v)
- ⌘ Input Resistance : ON 500mΩ Or Less, Off :50kΩ Or More
- ⌘ Isolation Method : Photo-Coupler
- ⌘ Input Circuit Power : DC 24V $\frac{1}{4}$  10% (Photo-Coupler Power)
- ⌘ Input Terminal : M3.5 Screw



## DIGITAL OUTPUT MODULE SPECIFICATIONS

- ⌘ Output Point : 16 Point
- ⌘ Output Signal : MOS FET (Open Collector)
- ⌘ Output Allowable Current : 100mA Max.
- ⌘ Output Allowable EP Adder Voltage : 60V Max.
- ⌘ Isolation Method : Photo-Coupler Isolation
- ⌘ Output Circuit Power : DC 10.8V ~ 26.4V
- ⌘ Output Terminal : M3.5 Screw



## DC2900-DIO DIGITAL SIGNAL PROCESSING UNIT COMMUNICATION MODULE SPECIFICATIONS

- [COMMUNICATION SPECIFICATIONS]
- Communications Interface : RS-422A, RS-485
  - Communications Speed : 600bps~38.4bps (S/W selected)
  - Communications Cable : Shield part-twist pair
  - Communications Method : Start-stop synchronization
  - Communications Format :
    - Data bit : 8 bit or 7 bit
    - Parity bit : None
    - Stop bit : 1 or 2 bit
  - Station Address : rotary S/W
- [SELF-DIAGNOSTIC FUNCTION]
- Watching Timer
  - Rom, Ram, Check
  - E<sup>2</sup>Prom Check
  - Input-Output-Power Monitoring (8V typ.)

