



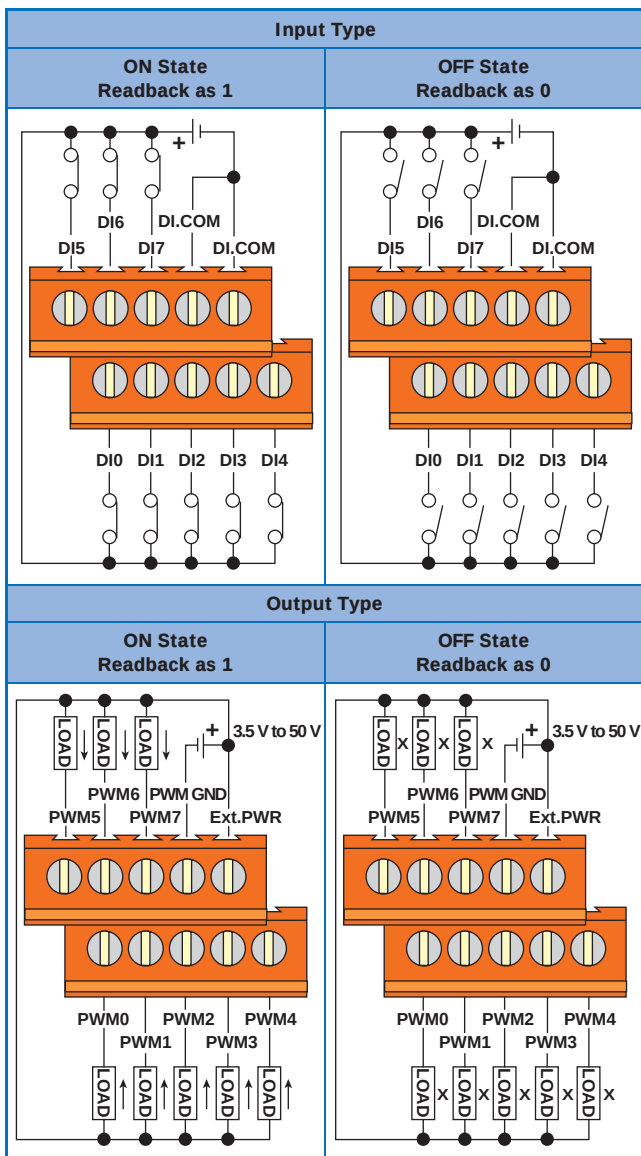
DN-8P8C

8-channel Digital output and 8-channel counter input Board

Introduction

The DN-8P8C External Board provides 8 Digital Output channels and 8 Counter Input channels for I-87088W, CAN-2088, or I-7088 Modules, and allows the load voltage for the 8 channels to be increased from +3.5 to +50 V PWM output and also offers 8 high-speed counter channels. The DN-8P8C can be used to develop powerful and cost-effective analog control systems.

Wire Connections



Features

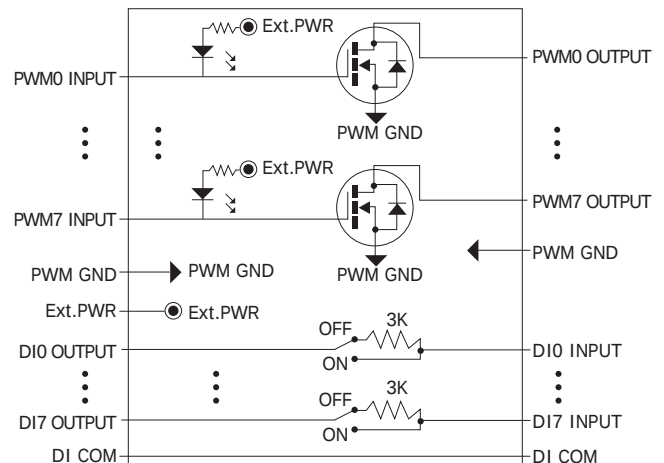
- 8-channel Digital Output and 8-channel Digital Input
- Sink-type Digital Inputs
- Supports Load Voltages ranging from +3.5 to +50 V PWM Output
- 4 kV ESD Protection
- Supports operating temperatures from -25 to +75°C
- DIN-Rail mountable for industrial usage



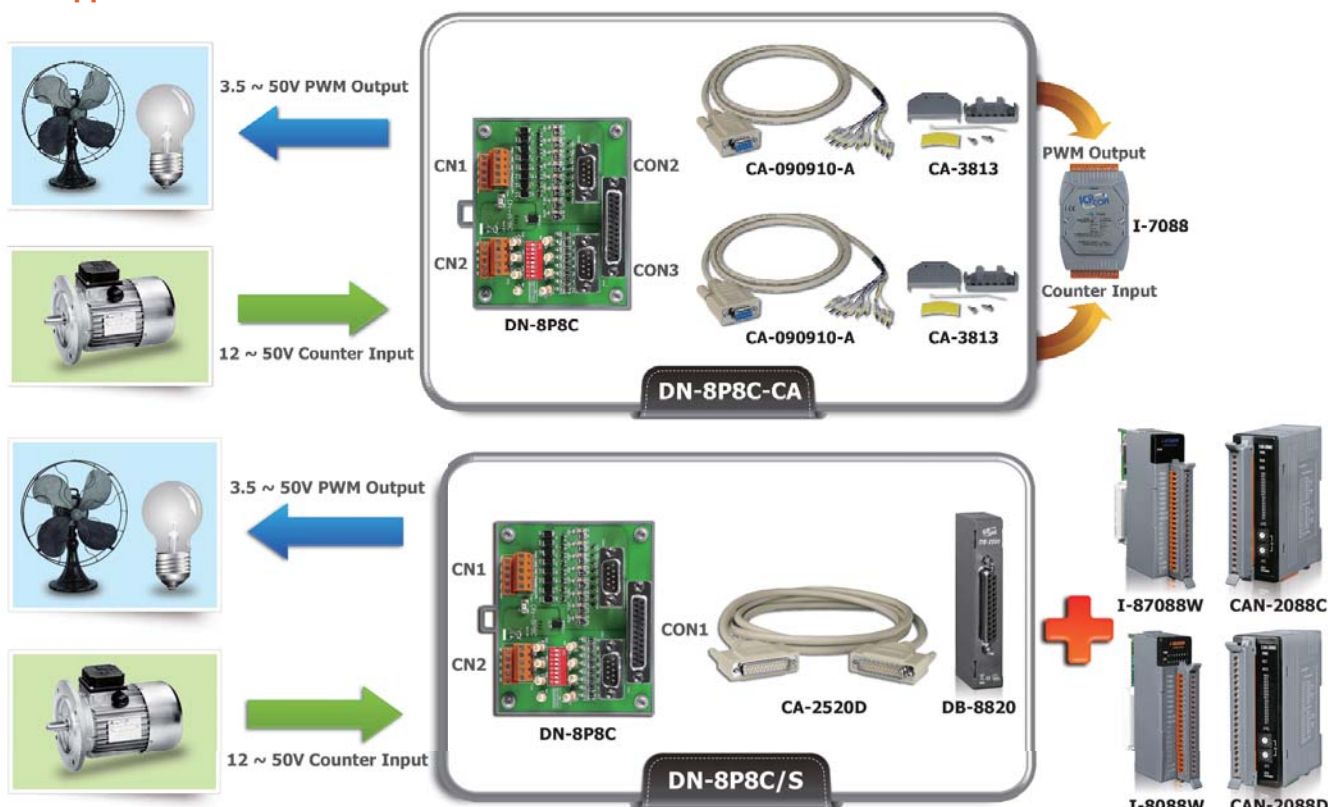
I/O Specifications

Digital Output		
Channels	8	
Channels	Reverse Polarity Protection	
Sink/Source (NPN/PNP)	Sink	
Load Voltage	+3.5 to +50 VDC	
Max. Load Current	200 mA/Channel	
Frequency Range	1 Hz ~ 500 kHz	
Reverse Polarity Protection	Yes	
Digital Input	Switch1 OFF	Switch1 ON
Channels	8	
Contact	Wet	
Sink/Source (NPN/PNP)	Sink	
Input Impedance	3 K Ω , 1 W	-
ON Voltage Level	+12 to +50 VDC	+3.5 to +5 VDC
OFF Voltage Level	+4 VDC Max	+1 VDC Max
Overvoltage Protection	54 VDC	5 VDC
Max. Speed	500 kHz	
EMS Protection		
ESD (IEC 61000-4-2)	$\pm$ 4 kV Contact for each Terminal	
Mechanical		
Dimensions (W x L x H)	96mm x 103mm x 30mm	
Installation	DIN-Rail or Wall Mounting	
Environment		
Operating Temperature	-25 to +75°C	
Humidity	10 ~ 95% RH, Non-condensing	

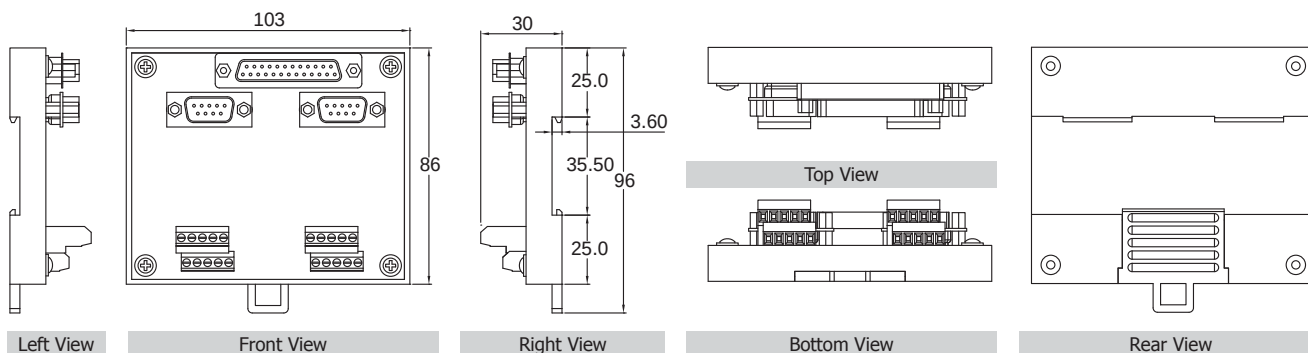
Internal I/O Structure



Applications



Dimensions (Units: mm)



Ordering Information

DN-8P8C-CA	8-channel Digital Output and 8-channel Counter Input board, including a DN-8P8C board, a CA-090910-A cable and a CA-3813 connector.
DN-8P8C/S	8-channel Digital Output and 8-channel Counter Input board, including a DN-8P8C board, a DB-1822 daughterboard and a CA-2520D cable.

Accessories

CA-2520D	25-pin Male-Male D-sub flat cable
DB-8820	I/O Connector Block with 25-pin D-sub cable
CA-090910-A	9-pin Female D-sub cable for I/M-7088 connector, 1 M
CA-3813	For 13 pin 3.81mm pitch And 14 pin 3.5mm pitch