I-87054 Hardware User Guide *Ver 1.0*
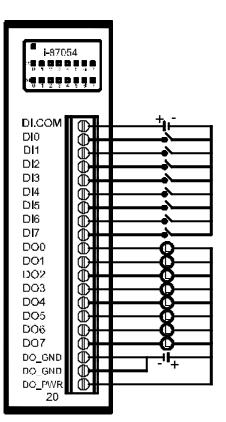
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Specification

Digital Output/Input Module

	Output Channel	**8 (Sink or Source)**
	Output Type	**Isolated open-collector**
DI	**Max load current**	**375mA per channel**
	Load voltage	**+5V to +30VDC**
	Isolation Voltage	**3750 Vrms**
	Input Channel	**8 (Sink)**
	Input Type	**Isolated digital input with common power**
DO	**ON State**	**Input voltage < 1V**
	OFF State	**Input voltage > 3.5V**
	Input Impedance	**3K Ohms**
	Isolation Voltage	**3750 Vrms**
LED Display		**1 LED as Power indicator 8 LEDs as DI indicators 8 LEDs as DO indicators**
Power Consumption		**Typical: 0.5W Max. : 0.7W**

I-87054 Wire Connection

I-87054 Wire Connection Type

Input Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Relay Contact		
TTL/CMOS Logic		
NPN Output		
PNP Output		

Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Drive Relay		
Resistance Load		

I-87054 Internal I/O Structure