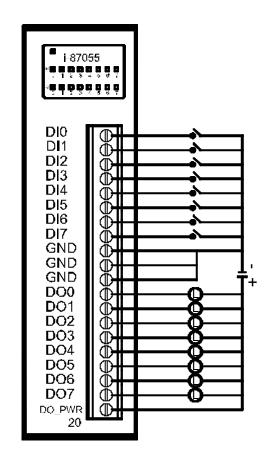
### I-87055 Hardware User Guide Ver 1.0

Last Modified 01/25/2003

# **Specification**

Digital Output/Input Module			
Output Channel		8 ( Sink )	
DO	Output Type	Non-Isolated open-collector	
	Max load current	100mA per channel	
	Load voltage	+5V to +30VDC	
DI	Input Channel	8 ( Sink )	
	Input Type	Non-Isolated digital input	
	Input Voltage	30Vdc max	
	ON State	Input voltage < 1V	
	OFF State	Input voltage > 3.5V	
LED Display		1 LED as Power indicator 8 LEDs as DI indicators 8 LEDs as DO indicators	
Power Consumption		Typical: 0.3W	
		Max. : 0.5W	

### **I-87055 Wire Connection**



# I-87055 Wire Connection Type

Input Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Relay Contact	Relay Close DIX	Relay Öpen OIX
TTL/CMOS Logic	Logic Level Low OND	Logic Level High Logic GND   DIx GND
Open Collector	On Dix GND	Off GND
Output Type	ON State LED ON Readback as 1	OFF State LED OFF Readback as 0
Drive Relay	DO.PWR DOX	DO.PWR DOX
Resistanc e Load	DOPWR DOX	DOPWR DOX

## I-87055 Internal I/O Structure

