# I-8054/I-8054(G)
## 16-channel Isolated Digital I/O Module

**Model:I-8054**          **Model:I-8054(G)**

## Specifications & Features

- Parallel I/O Module
- Digital Input Channels: 8

- Digital Input level:
  Logic level 0: +1V max.
  Logic level 1: +3.5V ~ 30V

- Digital Output Channels:8

- O. C. Digital output: 375mA, 30V
- Isolation Voltage: 3750V rms
- LED indicator for each channel of D/I or D/O
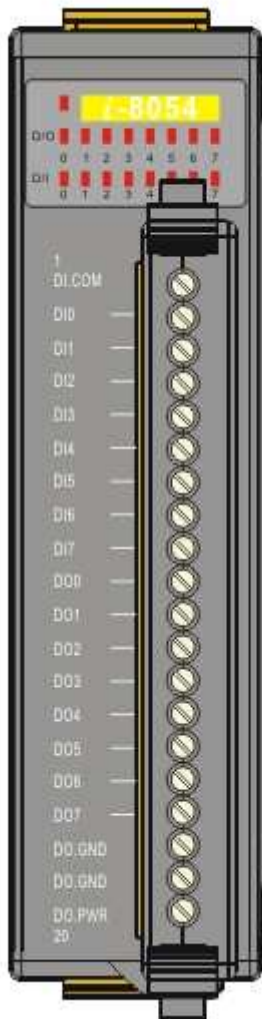- Power Consumption: 1W

## Ordering information

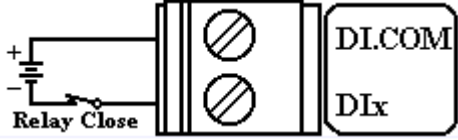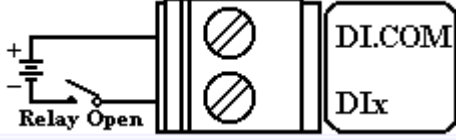| I-8054 | 16-channel Isolated Digital I/O Module |
| --- | --- |

# I-8054 Hardware

## Internal I/O Structure
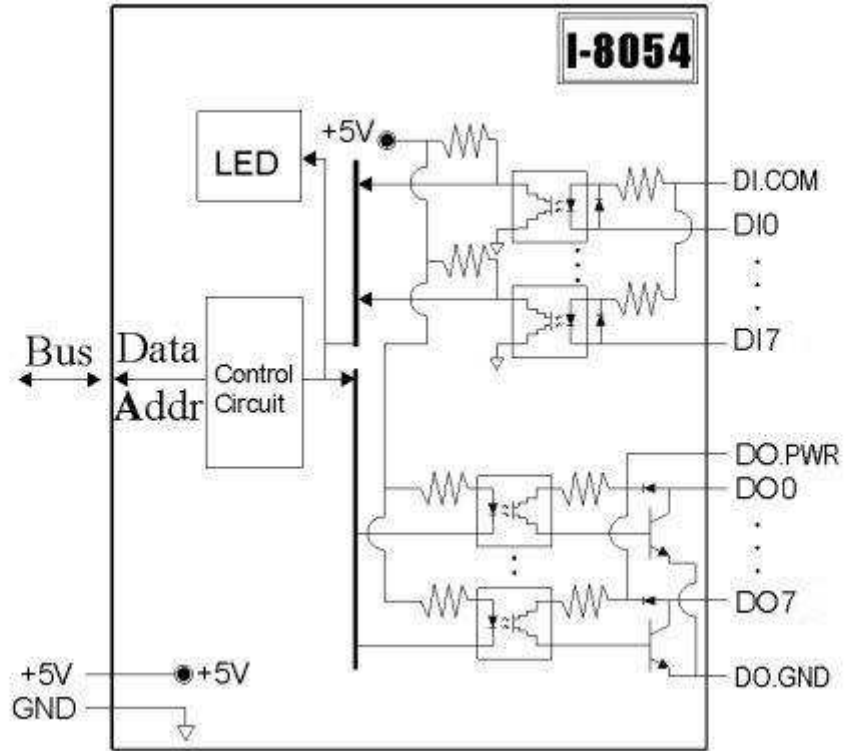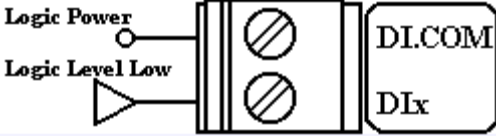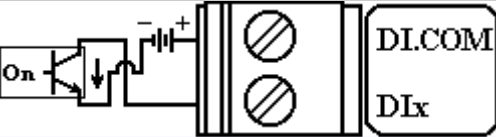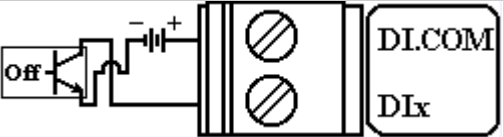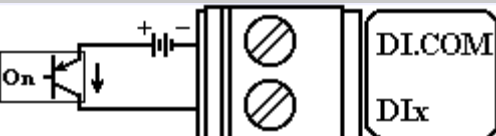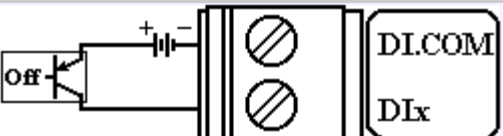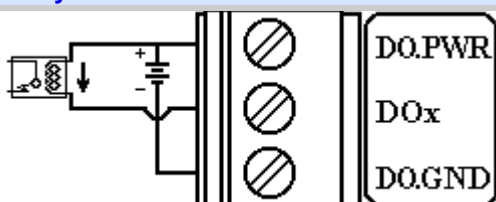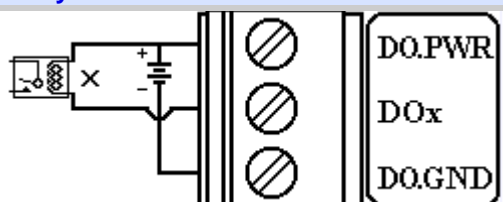
# PIN Assignment

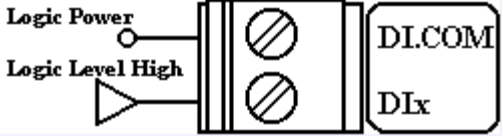| Terminal No. | Pin Assignment Name |
|---|---|
| 01 | DI.COM |
| 02 | DI0 |
| 03 | DI1 |
| 04 | DI2 |
| 05 | DI3 |
| 06 | DI4 |
| 07 | DI5 |
| 08 | DI6 |
| 09 | DI7 |
| 10 | DO0 |
| 11 | DO1 |
| 12 | DO2 |
| 13 | DO3 |
| 14 | DO4 |
| 15 | DO5 |
| 16 | DO6 |
| 17 | DO7 |
| 18 | DO.GND |
| 19 | DO.GND |
| 20 | DO.PWR |

# Wire Connection

| Input Type | ON State LED ON<br>Readback as 1 | OFF State LED OFF<br>Readback as 0 |
|---|---|---|
| Relay Contact | **Relay ON**<br> | **Relay Off**<br> |
| TTL/CMOS Logic | **Voltage < 1V**<br> | **Voltage > 3.5V**<br> |
| NPN Output | **Open Collector On**<br> | **Open Collector Off**<br> |
| PNP Output | **Open Collector On**<br> | **Open Collector Off**<br> |

| Output Type | ON State LED ON<br>Readback as 1 | OFF State LED OFF<br>Readback as 0 |
|---|---|---|
| Drive Relay | **Relay ON**<br> | **Relay Off**<br> |
| Resistance Load | | |