

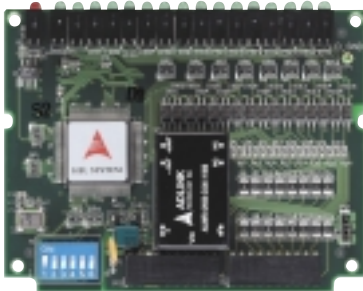
### **HSL-DI16DO16-DB-NN** 16-CH Discrete Input 16-CH Discrete Output Daughter Board Module



#### **Specifications**

- ◆ Slave ID consumption: 1  
16-CH NPN sinking type sensor inputs or dry contact and 16-CH NPN sinking type outputs
- ◆ Photo couple isolation voltage: 2500Vrms
- ◆ Input impedance: 4.7K $\Omega$
- ◆ Input current:  $\pm 10\text{mA}$ (Max),  $\pm 12.5\text{mA}$ (Peak)
- ◆ Input voltage:  $\pm 40\text{V}$  (Max)
- ◆ Output switching capacity:  
300mA/ch at 24V<sub>DC</sub>
- ◆ Terminal Base:  
HSL-TB64 or HSL-TB32-DIN
- ◆ LED indicator: Power, Link and I/O status
- ◆ Power supply: 10V to +30V<sub>DC</sub>
- ◆ Operating temperature: 0 to 60°C
- ◆ Storage temperature: -20 to 80°C
- ◆ Power consumption: 1.8W

### **HSL-DI32-DB-N** 32-CH Discrete Input Daughter Board Module



#### **Specifications**

- ◆ Slave ID consumption: 2  
- N: for 32-CH NPN sinking type sensor inputs or dry contact
- ◆ Photo couple isolation voltage: 2500Vrms
- ◆ Input impedance: 4.7K $\Omega$
- ◆ Input current:  $\pm 10\text{mA}$  (Max),  $\pm 12.5\text{mA}$  (Peak)
- ◆ Input voltage:  $\pm 40\text{V}$  (Max)
- ◆ Terminal Base:  
HSL-TB64 or HSL-TB32U-DIN
- ◆ LED indicator: Power, Link and I/O status
- ◆ Power supply: 10V to +30V<sub>DC</sub>
- ◆ Operating temperature: 0 to 60°C
- ◆ Storage temperature: -20 to 80°C
- ◆ Power consumption: 1.8W

### **HSL-DO32-DB-N** 32-CH Discrete Output Daughter Board Module



#### **Specifications**

- ◆ Slave ID consumption: 2  
- N: for 32-CH NPN sinking type outputs
- ◆ Photo couple isolation voltage: 2500Vrms
- ◆ Output switching capacity:  
Single channel 500mA; all channels 60mA at 24V<sub>DC</sub>
- ◆ Output response time:  
ON  $\rightarrow$  OFF: 180 $\mu\text{s}$ , OFF  $\rightarrow$  ON: 1.2 $\mu\text{s}$
- ◆ Terminal Base:  
HSL-TB64 or HSL-TB32U-DIN
- ◆ LED indicator: Power, Link and I/O status
- ◆ Power supply: 10V to +30V<sub>DC</sub>
- ◆ Operating temperature: 0 to 60°C
- ◆ Storage temperature: -20 to 80°C
- ◆ Power consumption: 1.8W