

HSL-DI16DO16-DB-NN/-NP/-PN/-PP

16-CH Discrete Input 16-CH Discrete Output Daughter Board Module ❖



Specifications

Slave ID consumption	1
Interface	NN: for NPN sinking type sensor input or dry contact and NPN sinking type output NP: for NPN sinking type sensor input or dry contact and PNP sourcing type output PN: for PNP sourcing type sensor input or wet contact and NPN sinking type output PP: for PNP sourcing type sensor input or wet contact and PNP sourcing type output
Photo couple isolation voltage	2500V _{RMS}
Input impedance	4.7kΩ
Input current	±10mA(Max), ±12.5mA(Peak)
Input voltage	±40V(Max)
Output switching capacity	Single channel 500mA; Full channels 50mA at 100% duty cycle
LED indicator	Power, Link and I/O status
Power supply	22V to +26V _{DC}
Operating temperature	0 to 60°C
Storage temperature	-20 to 80°C
Power consumption	1.8W

HSL-DI32-DB-N/-P

32-CH Discrete Input Daughter Board Module ❖



Specifications

Slave ID consumption	2
Interface	N: for NPN sinking type sensor input or dry contact P: for PNP sourcing type sensor input or wet contact
Photo couple isolation voltage	2500V _{RMS}
Input impedance	4.7kΩ
Input current	±10mA(Max), ±12.5mA(Peak)
Input voltage	±40V(Max)
LED indicator	Power, Link and Input status
Power supply	22V to +26V _{DC}
Operating temperature	0 to 60°C
Storage temperature	-20 to 80°C
Power consumption	1.8W

HSL-DO32-DB-N/-P

32-CH Discrete Output Daughter Board Module ❖



Specifications

Slave ID consumption	2
Interface	N: for NPN sinking type output P: for PNP sourcing type output
Photo couple isolation voltage	2500V _{RMS}
Output switching capacity	Single channel 500mA; Full channels 50mA at 100% duty cycle
Output response time	ON → OFF: 180μs, OFF → ON: 1.2μs
LED indicator	Power, Link and Output status
Power supply	22V to +26V _{DC}
Operating temperature	0 to 60°C
Storage temperature	-20 to 80°C
Power consumption	1.8W

1
Software

2
GEME

3
Motion Control

4
Machine Vision

5
High Speed Link

6
Communications

7
cPCI & IPC

8
NuDAM