

HSL-DI16DO16-M-NN

16-CH Discrete Input 16-CH Discrete Output Module



Specifications

Slave ID Consumption	1	Power Supply	22 V to 26V _{oc}
Interface	for NPN sinking type sensor input or dry contact and NPN sinking type output	Operating Temperature	0°C to +60°C (32°F to 140°F)
Photo Couple Isolation Voltage	2500 V _{RMS}	Storage Temperature	-20°C to +80°C (-4°F to 176°F)
Input Impedance	4.7 KΩ	Power Consumption	1.8 W
Input Current	±10 mA (max.), ±12.5 mA (peak)	CE Certification	Change to checkmark
Input Voltage	±40 V (max.)		
Output Switching Capacity	Single channel 400 mA; Full channels 50 mA at 100% duty cycle		
Output Response	ON → OFF: 180 μs, OFF → ON: 1.2 μs		
LED Indicator	Power, Link and I/O status		

HSL-DI32-M-N, HSL-DO32-M-N

32-CH Discrete Input Module; 32-CH Discrete Output Module



Specifications

Slave ID Consumption	2 consecutive from odd	HSL-DI32-M-N:	
Interface	for NPN sinking type sensor input or dry contact	Input Impedance	4.7 KΩ
Photo Couple Isolation Voltage	2500 V _{RMS}	Input Current	±10 mA (max.), ±12.5 mA (peak)
LED Indicator	Power, Link and Input status	Input Voltage	±40 V (max.)
Power Supply	22 V to 26 V _{oc}	HSL-DO32-M-N:	
Operating Temperature	0°C to +60°C (32°F to 140°F)	Response Time	ON → OFF: 180 μs, OFF → ON: 1.2 μs
Storage Temperature	-20°C to +80°C (-4°F to 176°F)	Switch Capacity	Single channel 500 mA; Full channels 50 mA at 100% duty cycle
Power Consumption	1.8 W		
CE Certification	✓		

HSL-AI16AO2-M-VV

16-CH Analog Input 2 Analog Output Modules



Specifications

Slave ID Consumption	2	Over-voltage Protection	±30 V
Interface	16-CH single-ended or 8-CH differential analog input	LED Indicator	Power and Link
	2-CH single-ended analog output	Power Supply	22 V to 26 V _{oc}
AD Resolution	16-bit (14-bit guarantee)	Operating Temperature	0°C to +60°C (32°F to 140°F)
DA Resolution	16-bit	Storage Temperature	-20°C to +80°C (-4°F to 176°F)
AD Current Input Range	±20 mA	Power Consumption	2.9 W
DA Voltage Output Range	±10 V		
AD Conversion Time	10 μs		
DA Settling Time	10 μs		