HSL-DI16DO16-M-NN

16-CH Discrete Input 16-CH Discrete Output Module



Specifications

Slave ID Consumption	1
Interface	for NPN sinking type sensor input or dry contact and NPN sinking type output
Photo Couple Isolation Voltage	2500 V_{RMS}
Input Impedance	4.7 KΩ
Input Current	±10 mA (max.) , ±12.5 mA (peak)
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
Power Supply	22 V to 26V_{DC}
Operating Temperature	0°C to +60°C (32°F to 140°F)
Storage Temperature	-20°C to +80°C (-4°F to 176°F)
Power Consumption	1.8 W
CE Certification	Change to checkmark

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

HSL-AI16AO2-M-VV

16-CH Analog Input 2 Analog Output Modules



Specifications

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

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