JNIOR

Series 4

JNIOR	 JNIOR Model 412DMX
Catalog Number	**JNR-200-004D**
Optically Isolated Digital Inputs	4 Optically Isolated Digital Inputs 0 to 60 Volts DC or AC at 2 amps
Counters	Inputs Double as Counters; Up to 2 kHz each; 32-Bit Counter Value; Power Fail Counter Value Storage
Relay Outputs	12 Relay Outputs 0 to 60 Volts DC or AC at 2 amps (Contact Ratings)
Relay Output Configurations	8 Relays have a Normally Open Contact
	4 Relays (No. 1, 2, 9, 10) are Configurable as Normally Open or Normally Closed Contact
	High Voltage (120/240 VAC at 10 amps) Relay Outputs available via 4 Relay Expansion Module
CPU / Operating System	32-bit Microprocessor / JANOS—A Preemptive Multitasking Operating System (by INTEG)
Device Power	12 to 24 Volts DC or AC
Memory	64 MB DRAM, 2MB Battery backed SRAM, 32 MB Flash
Custom Applications	Written in Java to run on JNIOR JVM. Execute as .JAR file for easy development
Physical Size / Weight / Case	6 x 4 x **1.5** in. (152 x 102 x **38** mm) / **12** ounces (**340** grams) / Flame Retardant ABS Plastic
Analog Inputs / Analog Outputs	Analog Input/Output Signals Available via Expansion I/O – Multiple Modules per JNIOR
Operating Temperature / Storage Temperature / Humidity	15ºF to160ºF (-25ºC to 70ºC) / -40ºF to185ºF (-40ºC to 85ºC) / 5 to 95% Non-Condensing
Serial Port (COM)	1- RS232 (COM: Command port & 2nd application use)
DMX Port (DMX512)	1 - DMX 5-pin Output Port (allows for DMX control)
Ethernet Port	1 - RJ45 (10/100 Mbps)
Sensor Port	1 - Sensor Port for Expansion Modules and Sensors
Connections / Mounting	2 Piece Connectors / Tabs with DIN Rail option
Certification	TUV for Safety, FCC Class A for Noise Immunity, CE Mark, RoHS Compliant
Warranty	2 Years

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