



I/O Modules for ioPAC Products

16-channel 24 VDC digital input module



RM-1602-T: 16 digital inputs, 24 VDC, sink/source type

Digital Inputs: 16 channels, 24 VDC, sink/source type
On: 10 to 30 VDC
Off: 0 to 3 VDC
Input Impedance: 3K ohms (typical)
Common Type: 8 points per 2 COMs
Response Time: 100 ms
Isolation: 3K VDC or 2K Vrms
Operating Temperature: -40 to 75°C
Power Consumption: 7 mA @ 24 VDC
Wiring: I/O cable, max. 14 AWG
MTBF: 4,132,863 hrs (Database: Telcordia/Bellcore)



10-channel 110 VDC digital input module

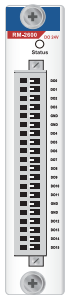


RM-1050-T: 10 digital inputs, 110 VDC, isolated

Digital Inputs: 10 channels, 110 VDC, channel-to-channel isolated
On: 50 to 175 VDC
Off: 0 to 15 VDC
Input Impedance: 120K ohms (typical)
Response Time: 100 ms
Isolation: 3K VDC or 2K Vrms
Channel-to-Channel Isolation: 2.5K VDC
Operating Temperature: -40 to 75°C
Power Consumption: 7 mA @ 24 VDC
Wiring: I/O cable max. 14 AWG
MTBF: 3,993,435 hrs (Database: Telcordia/Bellcore)



16-channel digital output module



RM-2600-T: 16 digital outputs, 24 VDC, sink type

Digital Outputs: 16 channels, 24 VDC, sink type
Output Impedance: 120m ohms (typical)
Current Rating: 200 mA per channel
Off-state Resistance: 500K ohms (typical)
Response Time: 100 ms
Over Current Protection: 2.6 A (4 channels @ 650 mA)
Isolation: 3K VDC or 2K Vrms
Operating Temperature: -40 to 75°C
Power Consumption: 10 mA @ 24 VDC
Wiring: I/O cable max. 14 AWG
MTBF: 4,440,241 hrs (Database: Telcordia/Bellcore)

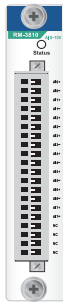


8-channel analog input modules, 16-bit resolution



RM-3802-T: 8 analog inputs, 4 to 20 mA, 16 bits

Analog Inputs: 8 channels, differential
Input Range: 4 to 20 mA
Input Impedance: 120 ohms
Resolution: 16 bits, 0.24 μ A/bit
Accuracy:
 $\pm 0.1\%$, FSR @ 25°C
 $\pm 0.3\%$, FSR @ -40°C, 75°C
Sampling Rate:
 • All channels: 12 samples/sec
 • Per channel: 1.5 samples/sec
Isolation: 3K VDC or 2K Vrms
Operating Temperature: -40 to 75°C
Power Consumption: 78 mA @ 24 VDC
Wiring: I/O cable max. 14 AWG
MTBF: 1,222,361 hrs (Database: Telcordia/Bellcore)



RM-3810-T: 8 analog inputs, 0 to 10 V, 16 bits

Analog Inputs: 8 channels, differential
Input Range: 0 to 10 VDC
Input Impedance: 10M ohms (min.)
Resolution: 16 bits, 0.15 μ A/bit
Data Format: 16-bit integer (2's complement)
Accuracy:
 $\pm 0.1\%$, FSR @ 25°C
 $\pm 0.3\%$, FSR @ -40°C, 75°C
Sampling Rate:
 • All channels: 12 samples/sec
 • Per channel: 1.5 samples/sec
Isolation: 3K VDC or 2K Vrms
Operating Temperature: -40 to 75°C
Power Consumption: 78 mA @ 24 VDC
Wiring: I/O cable max. 14 AWG
MTBF: 1,225,957 hrs (Database: Telcordia/Bellcore)



4-port unmanaged Ethernet switch module



KM-2430-T: 4-port unmanaged Ethernet switches, M12 connector

Standards:
 IEEE 802.3 for 10BaseT
 IEEE 802.3u for 100BaseT(X)
 IEEE 802.3ab for 1000BaseT(X)
 IEEE 802.3x for Flow Control
Processing Type: Store and Forward
Interface: Front cabling, M12 connector, 10/100BaseT(X) auto negotiation speed
Operating Temperature: -40 to 75°C
Power Consumption: 20 mA @ 24 VDC

