

SoftPLC CPU Modules



CPU Specifications	
Built-in Kernel	Ladder interpreter, Communication and JVM
Solid State Disk	8Mb SSD Optional: 16~72Mb
DRAM	16Mb
Back-up RAM	128Kb
Web Server	Optional
Programming language	Ladder, C/C++, and Java
Built-in COM ports	RS-232C x 1, RS-232/485 x 1
Built-in Ethernet	Yes
Discrete I/O capability	- LT: up to 128 in / 128 out - 1K: up to 1024 in / 1024 out
Analog I/O capability	Unlimited, depending on the system configuration
PC-104 interface	Supported (select appropriate base)

Electrical & Environmental Specifications	
Power	110/240VAC, 50/60Hz, Single Phase or 10-30VDC
Voltage Range	Autoranging 85-264VAC
Maximum Operation Current	0.5 amps at 100-240VAC. Fuse rating 2 amps SloBlow
Ambient Operating Temp.	0° to 55° Celsius (32° to 131° Fahrenheit)
Ambient Storage Temp.	-20° to +70° Celsius
Airflow Clearance	50.8 mm (2 inches) above and below unit for ambient airflow
Humidity	15 to 95% non-condensing
Electrical noise immunity	1,500 volts peak to peak, 1 μs noise width at 30 to 100Hz
Vibration resistance	10 to 55 Hz, amplitude 0.075 mm for 60 minutes
Shock resistance	10g 3 times in 3D directions
Dielectric withstand voltage	1500VAC for 1 min. across AC external terminals & ground
Impedance	75 MΩ at 500VDC
Electrical safety	Class 2 protection
Operation atmosphere	Non-corrosive atmosphere, with minimum dust
Certifications & compliance	UL, UL(C), CE rated

