

Specifications

	1771-P4S	1771-P6S	1771-P4S1	1771-P6S1
Input Voltage	120V ac, 0.9A	220V ac, 0.5A	100V ac, 1.06A	200V ac, 0.53A
Input Range	97-132V ac rms	194-264V ac rms	85-120V ac rms	170-240V ac rms
Frequency	47-63Hz	47-63Hz	47-63Hz	47-63Hz
Fuse	250V, 1.5A, Bussman MDL 1.5, Littelfuse 31301.5, IEC 127 Type T (Blue)			
Output Voltage (backplane)	5V dc			
Output Current (maximum)	8A (see derating curve below)			
Power Dissipation	16W			
Thermal Dissipation	47.8 BTU/hr			
Adjacent Slot Power Dissipation	10W maximum			
Branch Circuit Protection ¹	15A maximum (user supplied)			
Environmental Conditions				
Operational Temperature	IEC 60068-2-1 (Test Ad, Operating Cold), IEC 60068-2-2 (Test Bd, Operating Dry Heat), IEC 60068-2-14 (Test Nb, Operating Thermal Shock): 0 to 60°C (32 to 140°F)			
Storage Temperature	IEC 60068-2-1 (Test Ab, Unpackaged Nonoperating Cold), IEC 60068-2-2 (Test Bb, Unpackaged Nonoperating Dry Heat), IEC 60068-2-14 (Test Na, Unpackaged Nonoperating Thermal Shock): -25 to 80°C (-13 to 176°F)			
Relative Humidity	IEC 60068-2-30 (Test Db, Unpackaged Nonoperating Damp Heat): 5 to 95% noncondensing			
Shock	IEC 60068-2-27 (Test Ea, Unpackaged Shock) 30g peak acceleration 50g peak acceleration			
Operating Non-operating				
Vibration	IEC 60068-2-6, (Test Fc, Operating) Tested 2g @ 10-500Hz			
Isolation Voltage	Tested to withstand 1000V ac for 60s			
Enclosure Type Rating	None (open style)			
Conductors	Wire Size	14AWG (2.4mm ²) maximum, solid or stranded copper wire rated at 60°C or greater		
	Category	3/64 inch (1.2mm) insulation maximum ¹ 2		
5 Position Terminal Block	A-B PN 941274-55, Wago ³ PN 231-002/027-000 (1 included with each power supply)			
Certifications (when product is marked)	UL UL Listed Industrial Control Equipment, certified for US and Canada C-UL UL Listed for Class I, Division 2, Groups A, B, C and D Hazardous locations, certified for Canada CE ⁴ European Union 89/336/EEC EMC Directive, compliant with: EN 61000-6-4; Industrial Emissions EN 50082-2; Industrial Immunity EN61326; Meas./Control/Lab Industrial Requirements EN 61000-2; Industrial Emissions European Union 73/23/EEC LVD Directive, compliant with: EN 61131-2, Programmable Controllers C-Tick ⁴ Australian Radiocommunications Act compliant with: AS/NZS 2064, Industrial Emissions			

¹ Provided in all ungrounded mains connections.

² Use this conductor category information for planning conductor routing as described in publication 1770-4.1, "Industrial Automation Wiring and Grounding Guidelines"

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⁴ See the Product Certification link at www.ab.com for Declaration of Conformity, Certificates, and other certification details