

Table 28 - Technical Specifications - 1756 Redundancy Modules

Attribute	1756-RM	1756-RM2	1756-RMXT	1756-RM2XT
Current draw @ 1.2V DC	4 mA	—	4 mA	—
Current draw @ 5.1V DC	1.2 A	1.16A	1.2 A	1.16A
Current draw @ 24V DC	120 mA	3.4 mA	120 mA	3.4 mA
Power dissipation	9.0 W	6 W, max	9.0 W	6 W, max
Thermal dissipation	31 BTU/hr	21 BTU/hr	31 BTU/hr	21 BTU/hr
Connector cables	1756-RMC1, 1 m (3.28 ft) 1756-RMC3, 3 m (9.84 ft) 1756-RMC10, 10 m (32.81 ft)			
Slot width	1 slot			
Module location	Chassis-based, any slot			
Chassis	1756-A4, 1756-A7, 1756-A10, 1756-A13, 1756-A17		1756-A7XT, 1756-A4LXT, 1756-A5LXT, 1756-A7LXT	
Power supply, standard	1756-PA72, 1756-PA75, 1756-PB72, 1756-PB75		1756-PAXT, 1756-PBXT	
Power supply, redundant	1756-PA75R, 1756-PB75R, 1756-PSCA2		None	
North American temperature code	T4			
IEC temperature code	T4			
Enclosure type	None (open-style)			
Weight, approx	0.29 kg (0.64 lb)			
Mounting	ControlLogix-XT chassis, single-slot module			

Table 29 - Environmental Specifications - 1756 Redundancy Module

Attribute	1756-RM	1756-RM2	1756-RMXT	1756-RM2XT
Temperature, operating 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...60 °C (32...140 °F)		-25...70 °C (-13...158 °F) When using a 1756-A7LXT chassis, surrounding air temperature range is -25...60 °C (-13...140 °F) even when using an 'XT' redundancy module.	-25...70 °C (-13...158 °F)
Temperature, storage 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)	-40...85 °C (-40...185 °F)			
Temperature, surrounding air, max	60 °C (140 °F)		70 °C (158 °F)	
Relative humidity IEC 60068-2-30 (Test Db, Unpackaged Damp Heat)	5...95% noncondensing			
Vibration IEC 60068-2-6 (Test Fc, Operating)	2 g @ 10...500 Hz			
Shock, operating IEC 60068-2-27 (Test Ea, Unpackaged Shock)	30 g			
Shock, nonoperating IEC 60068-2-27 (Test Ea, Unpackaged Shock)	50 g			