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Operating Temperature

Model	Operating Temperature
1762-IA8, 1762-IQ8, 1762-IR4, 1762-IT4, 1762-0A8, 1762-OB16, 1762-OB8, 1762-OW8, 1762-0X6I	0...55 °C (32...131 °F)
1762-IF20F2, 1762-IF4, 1762-IQ16, 1762-IQ80W6, 1762-OF4, 1762-OW16	-20...65 °C (-4...149 °F)
1762-IQ32T, 1762-0V32T, 1762-0B32T	-20...60 °C (-4...140 °F)

Wire Requirements

Model	Wire Type	Wire Size	Terminal Screw Torque
All 1762 expansion I/O modules (except 1762-IQ32T, 1762-0V32T, 1762-0B32T)	Solid wire	Cu-90 °C (194 °F) 0.33...2.08 mm ² (22...14 AWG)	0.90 Nm (8.0 lb-in.)
	Stranded wire	0.33...1.31 mm ² (22...16 AWG)	

Model	Wire Type	Wire Size
1762-IQ32T, 1762-0V32T, 1762-0B32T	Solid/Stranded wire	Cu-90 °C (194 °F) 0.13, 0.20, 0.33 mm ² (26, 24, 22 AWG) 0.13...0.33 mm ² (26...22 AWG) – when using 1764-N3 Connector

Additional Resources

Resource	Description
MicroLogix 1100 Programmable Controllers User Manual 1763-UM001 MicroLogix 1200 Programmable Controllers User Manual 1762-UM001 MicroLogix 1400 Programmable Controllers User Manual 1766-UM001	A more detailed description of how to install and use your MicroLogix 1100/1200/1400 programmable controller and expansion I/O system.
MicroLogix 1200 Thermocouple/mV Input Module User Manual 1762-UM002	More detailed information on how to install, configure and use the module.
MicroLogix 1200 RTD/Resistance Input Module User Manual 1762-UM003	More detailed information on how to install, configure and use the module.
Installation Instructions 1762-INxxx	Information on installing and using 1762 expansion I/O modules.
Industrial Automation Wiring and Grounding Guidelines 1770-4.1	More information on proper wiring and grounding techniques.
Product Certifications website, http://www.rockwellautomation.com/products/certification/	Provides declarations of conformity, certificates, and other certification details.

To view or download product publications, go to <http://www.rockwellautomation.com/literature> and search documents under I/O. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

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