

Product Information

1756 GuardLogix Controllers

Cat. No. 1756-L61S, 1756-L62S, 1756-L63S, 1756-LSP, 1756-L71S, 1756-L72S, 1756-L73S, 1756-L7SP, 1756-L73SXT, 1756-L7SPXT

Original Instructions

The GuardLogix[®] controller is a programmable automation controller with integrated safety for use in functional safety applications up to and including Safety Integrity Level (SIL) 3 and Performance Level (e). The GuardLogix controller is made up of a primary controller and a safety partner that function together in a 2oo2 architecture.



ATTENTION:

- Before installing, configuring, operating or maintaining this product, read this document and the documents listed in the Additional Resources section for installing, configuring, or operating equipment. Users should familiarize themselves with installation and wiring instructions in addition to requirements of all applicable codes, laws, and standards.
- Installation, adjustments, putting into service, use, assembly, disassembly, and maintenance shall be carried out by suitably trained personnel in accordance with applicable code of practice. In case of malfunction or damage, no attempts at repair should be made. The module should be returned to the manufacturer for repair. Do not dismantle the module.
- If this equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.
- Equipment designated as 'XT' is certified for use only within a surrounding air temperature range of -25...70 °C (-13...158 °F). Equipment designated as 'LXT' is certified for use only within a surrounding air temperature range of -25...60 °C (-13...140 °F) even when used with other 'XT' equipment. Non-'XT' equipment is certified for use only within a surrounding air temperature range of 0...60 °C (32...140 °F). The equipment must not be used outside of its range.
- Solid state equipment has operational characteristics differing from those of electromechanical equipment. Safety Guidelines for the Application, Installation and Maintenance of Solid State Controls, publication SGI-1.1, available from your local Rockwell Automation sales office or online at <http://www.rockwellautomation.com/literature> describes some important differences between solid state equipment and hard-wired electromechanical devices.

North American Hazardous Location Approval

The following information applies when operating this equipment in hazardous locations: Products marked "CL I, DIV 2, GP A, B, C, D" are suitable for use in Class I Division 2 Groups A, B, C, D, Hazardous Locations and nonhazardous locations only. Each product is supplied with markings on the rating nameplate indicating the hazardous location temperature code. When combining products within a system, the most adverse temperature code (lowest "T" number) may be used to help determine the overall temperature code of the system. Combinations of equipment in your system are subject to investigation by the local authority having jurisdiction at the time of installation.



WARNING: EXPLOSION HAZARD

- Do not disconnect equipment unless power has been removed or the area is known to be nonhazardous.
- Do not disconnect connections to this equipment unless power has been removed or the area is known to be nonhazardous. Secure any external connections that mate to this equipment by using screws, sliding latches, threaded connectors, or other means provided with this product.
- Substitution of components may impair suitability for Class I, Division 2.
- If this product contains batteries, they must be changed only in an area known to be nonhazardous.

Informations sur l'utilisation de cet équipement en environnements dangereux:

Les produits marqués "CL I, DIV 2, GP A, B, C, D" ne conviennent qu'à une utilisation en environnements de Classe I Division 2 Groupes A, B, C, D dangereux et non dangereux. Chaque produit est livré avec des marquages sur sa plaque d'identification qui indiquent le code de température pour les environnements dangereux. Lorsque plusieurs produits sont combinés dans un système, le code de température le plus défavorable (code de température le plus faible) peut être utilisé pour déterminer le code de température global du système. Les combinaisons d'équipements dans le système sont sujettes à inspection par les autorités locales qualifiées au moment de l'installation.



AVERTISSEMENT: RISQUE D'EXPLOSION

- Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher l'équipement.
- Couper le courant ou s'assurer que l'environnement est classé non dangereux avant de débrancher les connecteurs. Fixer tous les connecteurs externes reliés à cet équipement à l'aide de vis, loquets coulissants, connecteurs filetés ou autres moyens fournis avec ce produit.
- La substitution de composants peut rendre cet équipement inadéquat à une utilisation en environnement de Classe I, Division 2.
- S'assurer que l'environnement est classé non dangereux avant de changer les piles.

IMPORTANT Any illustrations, charts, sample programs, and layout examples shown in this publication are intended solely for the purposes of example. Since there are many variables and requirements associated with any particular installation, Rockwell Automation does not assume responsibility or liability for actual use based upon the examples shown in this publication.



ATTENTION: Do not install, configure, operate or maintain this product until you have read the product documentation and the documents in the Additional Resources section for installing, configuring, operating or maintaining equipment. To get the product documentation go to <http://www.rockwellautomation.com/literature/> or contact your local sales office or Rockwell Automation representative.

ATTENTION: Ne pas installer, configurer, exploiter ou maintenir ce produit tant que vous n'avez pas lu sa documentation et les documents de la rubrique Documents connexes pour l'installation, la configuration, l'exploitation et la maintenance de l'équipement. Pour obtenir de la documentation, rendez-vous sur le site <http://www.rockwellautomation.com/literature/> ou contactez votre agence commerciale Rockwell Automation locale ou son représentant.

ACHTUNG: Für die Installation, Konfiguration, den Betrieb und die Wartung dieses Produkt lesen Sie sich bitte zunächst die Produktdokumentation sowie die Dokumente im Abschnitt „Weitere Informationen“ durch. Die entsprechende Produktdokumentation finden Sie unter <http://www.rockwellautomation.com/literature/> oder kontaktieren Sie Ihr lokales Vertriebsbüro bzw. einen Rockwell Automation-Mitarbeiter.

ATENCIÓN: No instale, configure, opere ni mantenga este producto hasta que haya leído la documentación del producto y los documentos en la sección Recursos adicionales para la instalación, configuración, operación o mantenimiento de equipo. Para conseguir la documentación, diríjase a <http://www.rockwellautomation.com/literature/> o póngase en contacto con su oficina regional de ventas o representante de Rockwell Automation.

ATENÇÃO: Não instale, configure, opere ou mantenha este produto até que você leia a documentação do produto e os documentos na seção Recursos adicionais para a instalação, configuração, operação ou manutenção do equipamento. Para conseguir a documentação, visite <http://www.rockwellautomation.com/literature/> ou entre em contato com seu escritório de vendas regional ou representante da Rockwell Automation.

ATTENZIONE: Non installare, configurare, attivare o riparare questo prodotto senza avere prima letto la relativa documentazione nonché i documenti indicati nella sezione Ulteriori Risorse riguardanti l'installazione, la configurazione, l'attivazione o la riparazione dell'apparecchiatura. Per la documentazione sul prodotto visitare il sito <http://www.rockwellautomation.com/literature/> o contattare l'ufficio vendite o il rappresentante Rockwell Automation di zona.

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UWAGA: Nie instaluj i nie uruchamiaj tego urządzenia dopóki nie zapoznasz się z instrukcją użytkownika produktu. Aby uzyskać dokumentację produktu przejdź do strony internetowej <http://www.rockwellautomation.com/literature/> lub skontaktuj się z lokalnym biurem sprzedaży lub przedstawicielstwem firmy Rockwell Automation.

UPOZORNENÍ: Neprovádzajte instalaci, konfiguraci, provoz ani údržbu, pokud jste dosud nepřečetli dokumentaci k produktu a dokumenty obsažené v sekci Doplnující informace pro instalaci, konfiguraci, provoz a údržbu. Tuto dokumentaci můžete získat na <http://www.rockwellautomation.com/literature/> nebo od obchodního zástupce společnosti Rockwell Automation.

WAARSCHUWING: Installeer, configureer of onderhoud dit product niet vooraleer u de productdocumentatie en de documenten in de aanvullende informatiesectie voor installatie, werking en onderhoud gelezen hebt. Voor de productinformatie, ga naar <http://www.rockwellautomation.com/literature/> of contacteer uw lokaal Rockwell Automation-kantoor.