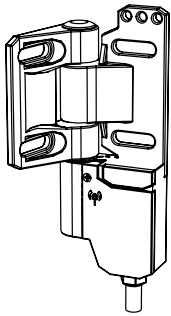


SI-HG(Z)63 Hinge Wing Safety Interlock Switch



Product Overview



For complete technical information about this product, including installation instructions, application requirements and guidelines, EU Declaration of Conformity, technical specifications, and accessories, see www.bannerengineering.com and search for 129465

- Safety switching point is repositionable
- Switch components are protected from mechanical impact for superior performance to actuator-activated safety switches (IP67 or IP69 rated)
- Hinge operates to a full 270° range of motion; safety switching point (guard-closed position) is adjustable over the full 0° to 270° operating range
- Stainless steel hinge supports a load of 1800 N (180 Kg). Zinc die-cast hinge supports a load of 1200 N (120 Kg).
- When properly interfaced or used with an appropriate controller, two SI-HG(Z)63 switches on an individual gate or guard can achieve safety category 4, per ISO 13849-1

Models

Model	Construction	Housing Style
SI-HG63FQDR	Stainless Steel	Inline QD - With QD facing down, switch is mounted on right side of hinge
SI-HGZ63FQDR	Zinc Die-cast	
SI-HG63F5MR-W	Stainless Steel	Inline Cable - With cable exiting down, switch is mounted on right side of hinge, IP69 protection class rating
SI-HG63FQDL	Stainless Steel	Inline QD - With QD facing down, switch is mounted on left side of hinge
SI-HGZ63FQDL	Zinc Die-cast	
SI-HG63F5ML-W	Stainless Steel	Inline Cable - With cable exiting down, switch is mounted on left side of hinge, IP69 protection class rating
SI-HG63FQDRR	Stainless Steel	Right-Angle QD - With switch body down, switch is mounted on right of hinge
SI-HGZ63FQDRR	Zinc Die-cast	
SI-HG63F5MRR-W	Stainless Steel	Right-Angle Cable - With switch body down, switch is mounted on right side of hinge, IP69 protection class rating
SI-HG63F5MLR-W	Stainless Steel	Right-Angle Cable - With switch body down, switch is mounted on left side of hinge, IP69 protection class rating
SI-HG63F5MB-W	Stainless Steel	Inline Cables - With cables exiting up and down, switches are mounted on both sides of hinge, IP69 protection class rating
SI-HG63A	Stainless Steel	Blank Hinge; same mechanical as switch minus switch component
SI-HGZ63A	Zinc Die-cast	

A complete safety system is composed of two SI-HG(Z)63 switches per gate/guard, cables (for QD models), and a safety monitoring device.

Responsibilities of the Qualified Person

To access the SI-HG(Z)63 Hinge Wing Safety Interlock Switch instruction manual (p/n 129465):

- Go to www.bannerengineering.com to download the manual in the language you require; or
- Call Banner at 1-888-373-6767 or call your local Banner Representative to request a manual



WARNING:

It is the responsibility of the Qualified Person who configures, installs, or maintains the SI-HG(Z)63 system to:

- Carefully read, understand, and follow the information in the SI-HG(Z)63 instruction manual
- Perform a risk assessment of the specific machine guarding application
- Determine what safeguarding devices and methods are appropriate per ISO 13849-1
- Properly install, configure, and then verify that the entire safeguarding system is working as intended
- Periodically re-verify, as needed, that the entire safeguarding system is working as intended

Failure to follow any of these recommendations may create a dangerous condition that may lead to serious injury or death.

Pour accéder au manuel d'utilisation SI-HG(Z)63 Hinge Wing Safety Interlock Switch (réf. 129465) :

- Rendez-vous sur le site www.bannerengineering.com pour télécharger le manuel dans la langue de votre choix, ou
- Contactez Banner au 1-888-373-6767 ou appelez votre représentant Banner local pour demander le manuel.



**WARNING:**

La personne qualifiée chargée d'assurer la configuration, l'installation ou la maintenance de SI-HG(Z)63 est tenue de :

- Lire avec attention, bien comprendre et suivre les instructions du manuel du système SI-HG(Z)63
- Effectuer une évaluation des risques de l'application de protection spécifique à la machine
- Identifier les dispositifs et les méthodes de protection exigés par la norme ISO 13849-1
- Installer et configurer correctement le système de protection puis vérifier qu'il fonctionne de la façon prévue
- Révérer périodiquement, si nécessaire, que l'ensemble du système de protection fonctionne comme prévu

Le non respect de ces consignes peut créer une situation potentiellement dangereuse susceptible d'entraîner des blessures graves, voire mortelles.

So beziehen Sie die Bedienungsanleitung für den SI-HG(Z)63 Hinge Wing Safety Interlock Switch (Ident-Nr. 129465):

- Laden Sie die Anleitung in der gewünschten Sprache von unserer Website (www.bannerengineering.com) herunter oder fordern Sie die Anleitung telefonisch bei der Banner-Hotline unter der Rufnummer +1-888-373-6767 oder bei einer Banner-Vertretung in Ihrer Nähe an.

**WARNING:**

Die qualifizierte Person, die die SI-HG(Z)63 -Anlage konfiguriert, installiert oder wartet, hat folgende Pflichten:

- Die Informationen in der Anleitung für den SI-HG(Z)63 gründlich durchzulesen, zu verstehen und zu befolgen
- Eine Risikobeurteilung der spezifischen Maschinenschutzanwendung durchzuführen
- Zu ermitteln, welche Schutzvorrichtungen und -methoden gemäß ISO 13849-1 angezeigt sind
- Das gesamte Schutzsystem fachgerecht zu installieren, zu konfigurieren und anschließend auf die bestimmungsgemäße Funktion zu überprüfen
- Nach Bedarf regelmäßig zu überprüfen, ob das gesamte Schutzsystem wie beabsichtigt arbeitet

Wenn diese Empfehlungen nicht befolgt werden, kann eine Gefahrensituation entstehen, die zu schweren bis tödlichen Verletzungen führen kann.

Per accedere al manuale di istruzioni dello SI-HG(Z)63 Hinge Wing Safety Interlock Switch (codice 129465):

- Andare al sito www.bannerengineering.com per scaricare il manuale nella lingua desiderata; oppure
- Contattare Banner al numero telefonico 1-888-373-6767 oppure il rappresentante Banner locale per richiedere un manuale

**WARNING:**

È responsabilità della Persona Qualificata incaricata della configurazione, installazione o manutenzione del sistema SI-HG(Z)63 quella di:

- Leggere attentamente, assicurarsi di avere compreso e seguire le indicazioni riportate nel manuale di istruzioni del SI-HG(Z)63
- Eseguire una valutazione dei rischi dell'applicazione di protezione della macchina specifica
- Determinare i dispositivi di protezione e i metodi appropriati secondo la norma ISO 13849-1
- Installare, configurare l'intero sistema di protezione e assicurarsi che funzioni come previsto
- In base alle esigenze, ricontrollare periodicamente che l'intero sistema di protezione funzioni come previsto

Il mancato rispetto di una delle presenti prescrizioni può creare situazioni di pericolo, con conseguenti gravi lesioni personali o morte.

Para obtener el manual de instrucciones del SI-HG(Z)63 Hinge Wing Safety Interlock Switch (p/n 129465):

- Visite www.bannerengineering.com para descargar el manual en el idioma que necesite; o
- Llame a Banner al 1-888-373-6767 o llame a su representante local de Banner para solicitar un manual

**WARNING:**

Es responsabilidad de la persona calificada que configura, instala o mantiene el sistema de SI-HG(Z)63, lo siguiente:

- Leer con atención, entender y seguir la información en el manual de instrucciones del SI-HG(Z)63
- Realizar una evaluación de riesgos que incluya la aplicación de protección de la máquina específica
- Determinar cuáles son los dispositivos y los métodos de protección adecuados según la ISO 13849-1
- Instalar, configurar y verificar de manera adecuada que todo el sistema de protección funcione como está previsto
- Periódicamente volver a verificar, según sea necesario, que todo el sistema de protección funcione según lo previsto

El incumplimiento de cualquiera de estas responsabilidades puede crear una condición peligrosa que puede provocar lesiones graves o la muerte.