# XS1ro/XS2ro Dual Channel Safety Relay Modules

## Datasheet

**Important:** For complete technical information about this product, including installation instructions, application requirements and guidelines, technical specifications, and accessories, go to www.bannerengineering.com and search for the instruction manual, p/n 174868.

## Models

| Model | Description |
|---|---|
| **XS1ro** | 1 Dual Channel Safety Relay Module (2 N.O./1 N. C.) |
| **XS2ro** | 2 Dual Channel Safety Relay Module (2 N.O./1 N.C. each) |

## Terminal Assignment

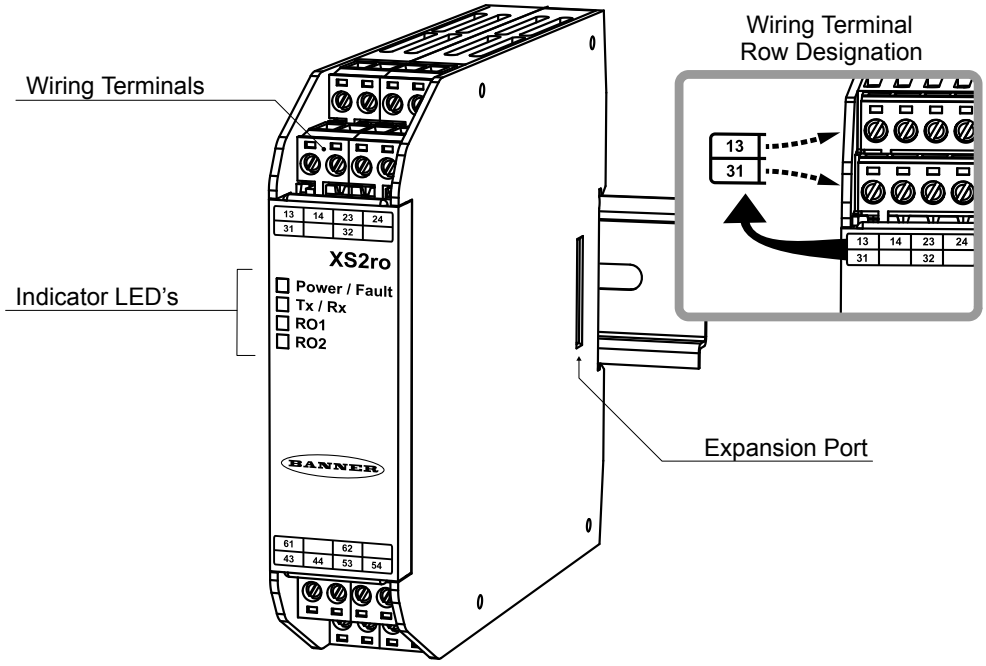
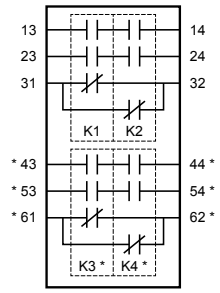



*Figure 1. XS2ro*




*Only present in XS2ro. If driving external relays, EDM should be configured to monitor the state of these external relays.

*Figure 2. Contact Configuration*

## Responsibilities of Qualified Personnel

To access the Banner Safety Controller instruction manual (p/n 174868 ):

- 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 Personnel to:

- Carefully read, understand, and follow the information in the XS/SC26-2 instruction manual
- Perform a risk assessment of the specific machine guarding application
- Determine what risk reduction measures are appropriate per the results of the risk assessment
- Properly install, configure, and then verify that the risk reduction measures are working as intended
- Periodically re-verify, as needed, that the risk reduction measures are working as intended

**Failure to follow any of these responsibilities may potentially create a dangerous condition that could lead to serious injury or death.**

Pour accéder au manuel d'utilisation Banner Safety Controller (réf. 174868 ):

- 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:**
Il incombe au personnel qualifié de:
- Lire avec attention, bien comprendre et suivre les instructions du manuel du système XS/SC26-2
- Effectuer une évaluation des risques de l'application de protection spécifique à la machine
- Identifier les mesures de limitation du risque appropriées en fonction des résultats de l'étude de risques
- Installer et configurer correctement le ou les dispositifs de protection destinés à limiter le risque puis vérifier qu'ils fonctionnent de la façon prévue
- Revérifier périodiquement, s'il y a lieu, que ces dispositifs de protection fonctionnent toujours comme il se doit

**Le non-respect de l'une de ces responsabilités peut potentiellement créer une condition dangereuse pouvant entraîner des blessures graves, voire mortelles.**

So beziehen Sie die Bedienungsanleitung für den Banner Safety Controller (Ident-Nr. 174868 ):
- 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:**
Es liegt in der Verantwortung des qualifizierten Personals,
- Die Informationen in der Anleitung für den XS/SC26-2 gründlich durchzulesen, zu verstehen und zu befolgen
- Eine Risikobeurteilung der spezifischen Maschinenschutzanwendung durchzuführen
- Ermitteln, welche Maßnahmen zur Risikominderung aufgrund der Ergebnisse der Risikobeurteilung angemessen sind
- Das gesamte Schutzsystem fachgerecht installieren, konfigurieren und anschließend auf die bestimmungsgemäße Funktion überprüfen
- Je nach Bedarf regelmäßig nachprüfen, ob die Maßnahmen zur Risikominderung wie beabsichtigt funktionieren

**Die Nichtbeachtung einer dieser Verantwortlichkeiten kann zu gefährlichen Zuständen führen, die zu schweren oder tödlichen Verletzungen führen können.**

Per accedere al manuale di istruzioni dello Banner Safety Controller (codice 174868 ):
- 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 Personale Qualificato:
- Leggere attentamente, assicurarsi di avere compreso e seguire le indicazioni riportate nel manuale di istruzioni del XS/SC26-2
- Eseguire una valutazione dei rischi dell'applicazione di protezione della macchina specifica
- Determinare quali misure di riduzione del rischio sono appropriate in base ai risultati della valutazione del rischio
- Installare e configurare correttamente il sistema, quindi verificare che le misure di riduzione del rischio assicurino i risultati previsti
- Ricontrollare periodicamente, in base alla necessità, che tali misure di riduzione del rischi continuino ad assicurare i risultati previsti

**La mancata osservanza di una qualsiasi di queste responsabilità può potenzialmente creare una condizione pericolosa che potrebbe causare lesioni gravi o mortali.**

Para obtener el manual de instrucciones del Banner Safety Controller (p/n 174868 ):
- 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 del personal calificado:
- Leer con atención, entender y seguir la información en el manual de instrucciones de la XS/SC26-2
- Realizar una evaluación de riesgos que incluya la aplicación de protección de la máquina específica
- Determinar qué medidas de reducción de riesgos son apropiadas según los resultados de la evaluación de riesgos
- Instale, configure y luego verifique correctamente que las medidas de reducción de riesgos funcionan según lo previsto
- Vuelva a verificar periódicamente, según sea necesario, que las medidas de reducción de riesgos funcionan según lo previsto

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

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