

## 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](http://www.bannerengineering.com) and search for the instruction manual, p/n 174868.

- Program in minutes with intuitive, easy-to-use configuration software
- Up to eight expansion I/O modules can be added as automation requirements grow or change
- Choose from six expansion module models
- Expansion module models have a variety of safety inputs, solid-state safety outputs and safety relay outputs
- Innovative live display feature and diagnostics allow for active monitoring of I/O on a PC and assist in troubleshooting and commissioning
- Safety Controller and input modules allow safety inputs to be converted to status outputs for efficient terminal use
- Ethernet-enabled models can be configured for up to 256 virtual status outputs
- Optional SC-XM2/3 external drive for fast swap and quick configuration without a PC
- In-Series Diagnostic (ISD) provides detailed status and performance data from each connected safety device which can be accessed with an HMI or similar device (XS26-ISD models only)
- Configure and Live view via an Ethernet connection on the expandable base controller



**Note:** Configuration software is required. The software is available at <http://www.bannerengineering.com/safetycontroller>.

Table 1: Expandable Base Models

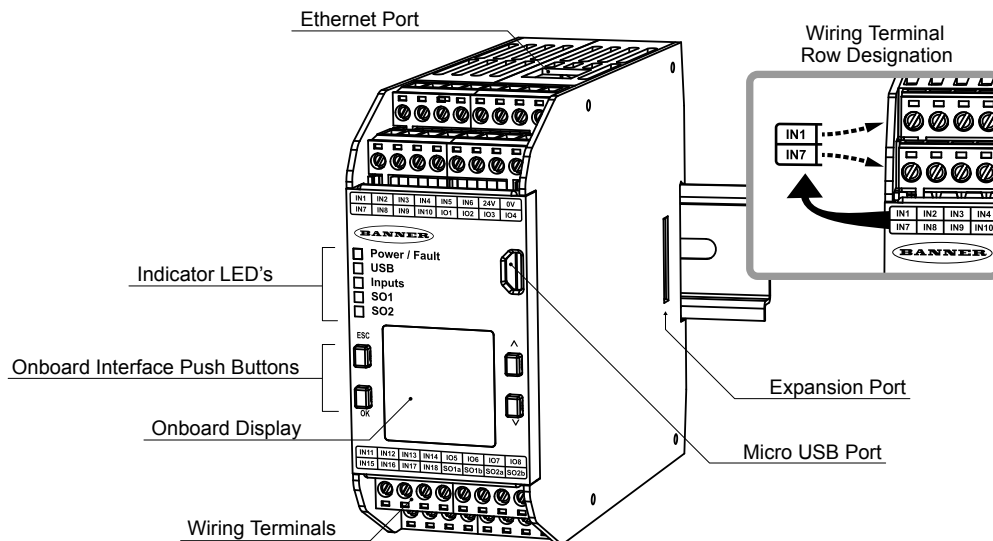
Model	Display	Ethernet-enabled	# of ISD Channels
XS26-2	No	No	0
XS26-2d	Yes	No	0
XS26-2e	No	Yes	0
XS26-2de	Yes	Yes	0
XS26-ISDd	Yes	Yes	8

Table 2: Non-Expandable Base Models

Model	Display	Ethernet-enabled	# of ISD Channels
SC26-2	No	No	0
SC26-2d	Yes	No	0
SC26-2e	No	Yes	0
SC26-2de	Yes	Yes	0

## Features Diagram

Figure 1. XS/SC26 Features and Indicators



## Responsibilities of Qualified Personnel

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

- Go to [www.bannerengineering.com](http://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 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](http://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
- 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
- Révérer 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](http://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 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](http://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
- 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 rischio 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](http://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
- 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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