

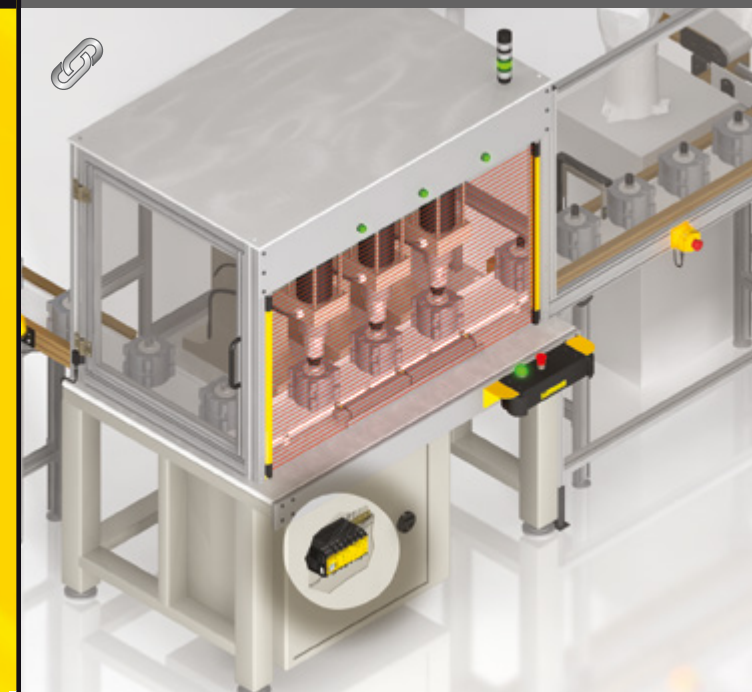


XS26-2

Expandable Safety Controller

XS26-2 Expandable Safety Controller: **Scalable safety made simple.**

- Up to **eight expansion I/O modules** can be added as your automation grows or changes
- **Choose from six expansion module models available** to suit your application with 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
- **Configuration software** with simulator is so simple you'll be programming in minutes



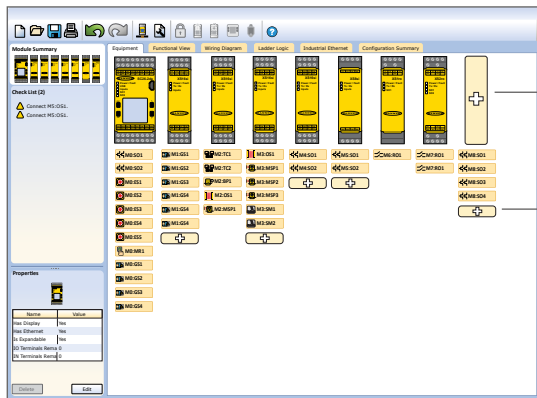


Scalable safety
made simple



Build System and Select Equipment

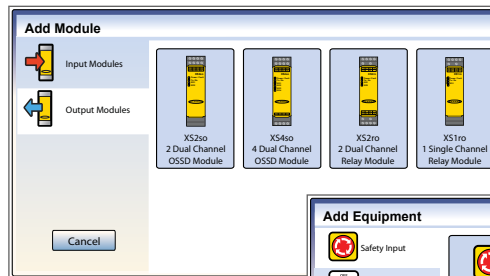
Equipment View



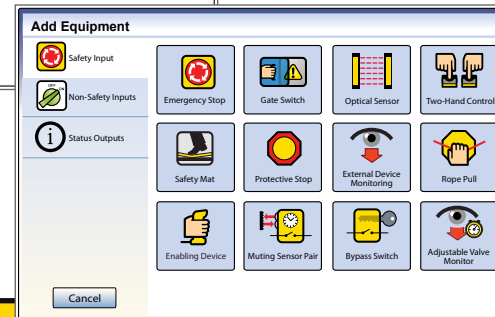
Add modules

Add safety devices

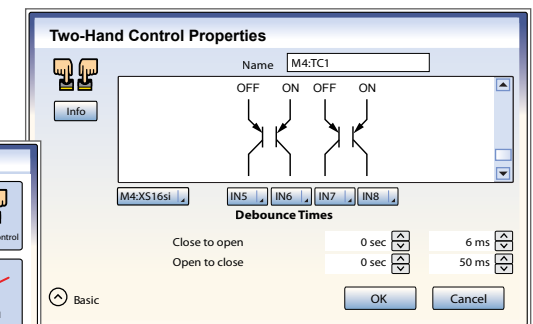
1. Add up to 8 modules



2. Add safety
devices



3. Select safety device properties



Start using the software today. Go to bannerengineering.com/xs26-2

Configure Your System in Minutes

The image displays the Banner Engineering software interface for configuring a system. The main window is titled "Functional View" and contains several panes and toolbars.

- Assorted View Menus:** Located at the top right, including icons for search, zoom, and navigation.
- Configuration Page Number:** A dropdown menu showing "1/5" in the top right corner.
- Module Summary and Wiring Checklist:** A sidebar on the left showing a list of modules and a checklist with two items: "Connect M5:OS1." and "Connect M5:OS1."
- Inputs:** A list of input modules on the left, including M0:ES1 through M0:ES5, M0:MR1, M4:OS2, M0:GS1 through M0:GS4, M1:GS1 through M1:GS5, and M1:GS6.
- Properties:** A table at the bottom left showing "IO Terminals Rema 1" and "IN Terminals Rema 0".
- Wiring Diagram in Live Mode:** The central area showing a wiring diagram with function blocks (A1, A2, A3, A4, A6, A7) and logic blocks (LR1, A7).
- Ladder Logic:** A view on the right showing a ladder logic diagram with various logic elements and outputs (M0:SO1, M0:SO2).
- Outputs:** A list of output modules on the right, including M0:SO1 and M0:SO2.
- Reference Signal:** A label pointing to a specific signal in the ladder logic diagram.
- Simple Drag-and-Drop Connections:** A red circle highlights a connection between a module and a function block.



Scalable safety
made simple

Order Now



XS26-2
Base Controller
(500 mA safety output current)



XS26-2d
Base Controller
with LCD



XS26-2e
Base Controller
with Ethernet



XS26-2de
Base Controller
with LCD & Ethernet



XS16si
16 safety input –
4 convertible



XS8si
8 safety input –
2 convertible



XS2so
2 redundant safety solid state
outputs (750 mA)



XS4so
4 redundant safety solid state
outputs (500 mA)



XS1ro
1 redundant safety relay
output (6 A)



XS2ro
2 redundant safety relay
outputs (6 A)

Model*	Description	Housing	Inputs/Convertible	Safety Outputs	Safety Ratings
XS26-2, e, d & de	Controller	45 mm	26/8	2 Dual Channel PNP 0,5 A @ 24 VDC	
XS8si	Safety Input Module	22,5 mm	8/2	/	
XS16si	Safety Input Module	22,5 mm	16/4	/	
XS2so	Safety Output Module	22,5 mm	/	2 Dual Channel PNP 0,75 A @ 24 VDC	Cat. 4, PL e (EN ISO 13849) SIL CL 3 (IEC 62061, IEC 610508)
XS4so	Safety Output Module	22,5 mm	/	4 Dual Channel PNP 0,5 A @ 24 VDC	
XS1ro	Safety Relay Output Module	22,5 mm	/	2 NO: 6 A 250 VAC/DC – 1 NC: 2,5 A 150 VAC/DC	
XS2ro	Safety Relay Output Module	22,5 mm	/	4 NO: 6 A 250 VAC/DC – 2 NC: 2,5 A 150 VAC/DC	

* Models operate at 24 VDC +/- 20%

Accessories

Start using the software today.
Go to bannerengineering.com/xs26-2



SC-XM2
Memory Card



SC-XMP2
Programming Tool



SC-TC2
Spring Terminal Block Set



SC-USB2
USB Cable



Scalable safety
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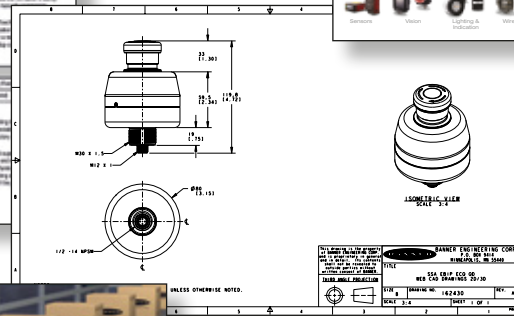
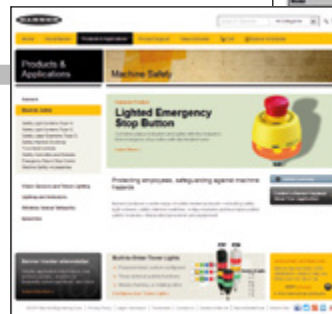
Additional Resources

**Link to
data sheets**



**Link to
catalogue**

**Link to the
Banner website**



**Link to
CAD files**



Link to videos

