

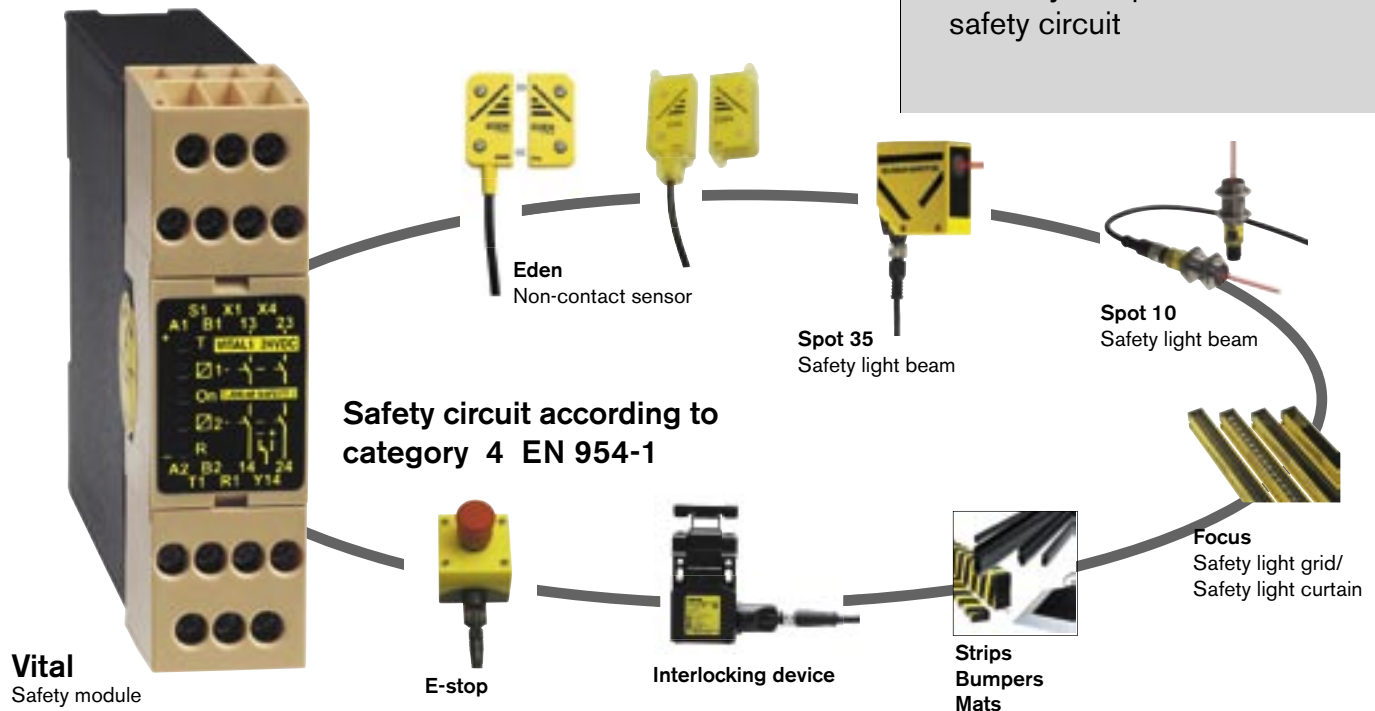
Why should you use the Vital safety system?

Approvals:



Features:

Safety solution with different types of safety components in the same safety circuit



- to be able to connect several safety components in series (at category 4) and supervise them with only one safety module!

Vital is the heart of a new solution which makes it possible to install/connect many different types of safety device in the same safety circuit and still achieve safety category 4 according to EN 954-1. The Vital module is based upon a dynamic single-channel concept as opposed to conventional dual-channel safety relays. **Up to 30 dynamic sensors can be connected directly in the safety circuit and be supervised by only one Vital module.** The Vital therefore replaces several safety relays. Safety components with output contacts can be connected to the Vital via low cost Tina adaptors.

The Vital also has automatic or manual supervised reset selection, dual safety outputs, and an information output for reset indication and status information for PLC's.

- why should you choose Vital?

- Safety category 4, according to EN 954-1 dynamic safety circuit
- Width 22,5 mm
- Can accommodate long cable lengths
- Manual supervised or automatic reset
- Two NO safety outputs
- Detachable connector blocks
- LED-indication of: power supply, dynamic signal and outputs
- Information output with two functions

- to supervise safety components!

Most safety components on the market can be connected to the Vital module. Dynamic sensors enable safety category 4 to be achieved in a single-channel system. For example Jokab Safety's dynamic non-contact Eden sensor, Spot light beam and emergency stops (via Tina adaptors) can be used. Even mechanical switches can be connected to Vital with the aid of Jokab Safety's Tina adaptors. Up to 30 components can be connected to a Vital module.

- for easy installation and assembly of a safety system!

Vital is a small, 22.5 mm in width, electronic safety module that dynamically supervises a number of safety components. Vital's detachable connector blocks simplifies connection, trouble-shooting and exchange of module. The Vital and other safety components can be connected together using standard cables and with cables having M12 connections.