

# Advanced Safety Diagnostics meets User Simplicity

Preventa XPS Universal safety modules manage single safety functions

## More diagnostics and status information without extensive hardwiring

Preventa XPS Universal safety modules provide more than 40 different messages on statuses of safety function via a single hardwired connection to the digital input of the machine controller. This is a response to the growing demand for more advanced / detailed diagnostic information even for simple machines.

## Ready for use within predictive maintenance

With a smart auxiliary output the safety modules with function blocks provide information about upcoming test cycles and when they will reach the end of their lifetime.

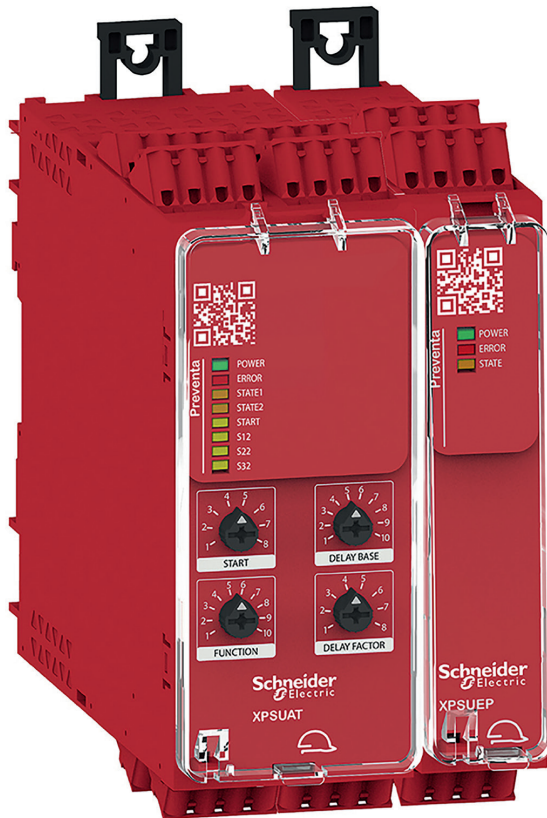
## Simplified spare parts logistics

Multifunctional modules are reducing the number of necessary product references. Using a screwdriver, functionality can be adjusted by turning the rotary switches located on the front of the module to the desired setting.

## Easy integration/simplified certification

Certified Safety Chain Solutions – ready-to-use architectures – Preventa XPS Universal safety modules speed up the certification of safety functions.





## Overview of technical features:

- 22.5 and 45 mm widths.
- 2 rows of screw / spring terminals located on both top and bottom of device.
- Secure transparent front flaps to prevent misoperation of the rotary switches.
- Side connector in XPSUAF, XPSUAK, XPSUAT, XPSUDN and XPSUS for the addition of extension units without the need for external hardwiring (excl. XPSUAB and XPSUEP).
- IP40 housing, IP20 terminals.
- DIN-rail and direct wall mounting capability.
- 24 VAC/DC and Wide Range Power-Supply ranging from 48 to 240 VAC/DC (only 2 supply variants for full coverage).

## More than 40 messages using a single hardwired connection – how does it work?

- The Preventa XPS Universal safety modules send modulated signals to the machine controller.
- The machine builder includes two function blocks in the machine controller's program for decoding the signals (1 for diagnostic information, 1 for status information).
- A library provides function blocks for all programming systems of Schneider Electric's controllers and for the programming systems of the most common controllers on the market.

## Certified Safety Chain Solutions speed up the time to market

- Certified Safety Chain Solutions are available for all safety modules offered as part of the Preventa XPS Universal series.
- Certified Safety Chain Solutions are comprised of comprehensive instructions for creating a safety function.
- Creating safety functions according to a Certified Safety Chain Solution simplifies the implementation and certification process.

