

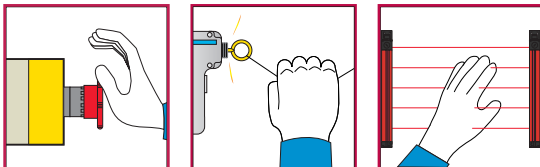
Preventa safety modules

XPSAFL

For Emergency stop, switch
and safety light curtain monitoring

Catalogue

june 2014

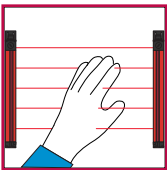
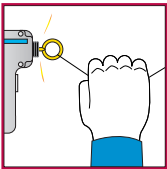
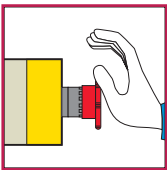


Schneider
Electric

Preventa safety modules

Type XPSAFL

For Emergency stop, switch and safety light curtain monitoring



XPSAFL5130

Operating principle

Safety modules **XPSAFL** meet the requirements of Performance Level PL e/Category 4 conforming to standard EN/ISO 13849-1.

They are used for:

- Monitoring Emergency stop circuits conforming to standards EN/ISO 13850 and EN/IEC 60204-1.
- Electrical monitoring of switches activated by protection devices conforming to standard EN/ISO 14119.
- They can also be used for monitoring type 4 light curtains conforming to EN 61496-1 that have solid-state safety outputs. This system conforms to Performance Level PL e/Category 4 in accordance with EN/ISO 13849-1.
- Housed in a compact enclosure, the modules have 3 safety outputs.
- Preventa safety modules **XPSAFL●●●●P** incorporate removable terminal blocks, thus optimising machine maintenance.
- To aid diagnostics, the modules have 3 LEDs on the front face which provide information on the monitoring circuit status.
- The Start button monitoring function is configurable depending on the wiring.

Maximum achievable safety level

- PL e/Category 4 conforming to EN/ISO 13849-1
- SILCL3 conforming to EN/IEC 61508 and EN/IEC 62061

Product certifications

- UL
- CSA
- TÜV

References

Description	Connection	Number of safety circuits	Supply	Reference	Weight kg/ lb
Safety modules for Emergency stop, switch and safety light curtain monitoring	Captive screw clamp terminals Terminal block integrated in module	3	~ and 24 V	XPSAFL5130	0.250/ 0.551
	Captive screw clamp terminals Terminal block removable from module	3	~ and 24 V	XPSAFL5130P	0.250/ 0.551

Preventa safety modules

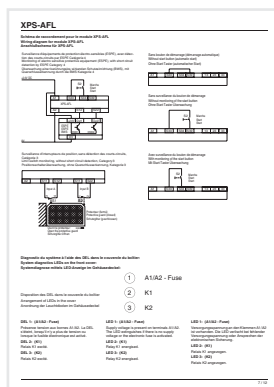
Type XPSAFL

For Emergency stop, switch and safety light curtain monitoring

>> Wiring diagram and Functional Diagram are available on the “e-Shop” via the partnumber.

Embedded hyperlinks
in catalogues

=
direct access to
information on the
internet

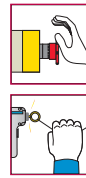


Operating principle, references

Preventa safety modules

Type XPSAFL

For Emergency stop, switch and safety light curtain monitoring



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EN 13849-1
and EN/IEC 62061

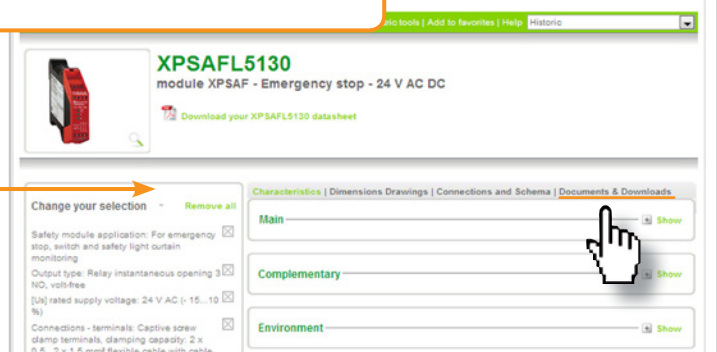
> Click on a partnumber, the hyperlink
opens the “e-Shop”

References

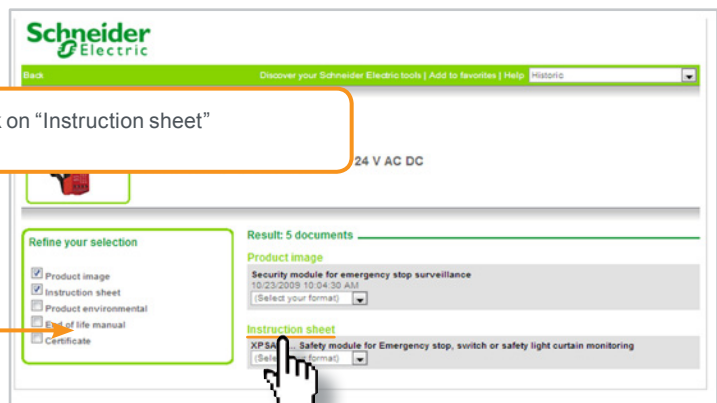
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XPSAFL5130

> Click on “Documents & Download”



> Click on “Instruction sheet”





More information on
<http://www.schneider-electric.com/machinesafety>

Schneider Electric Industries SAS

Head Office
35, rue Joseph Monier
F-92500 Rueil-Malmaison
France

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