

Preventa XPS

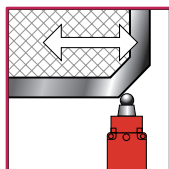
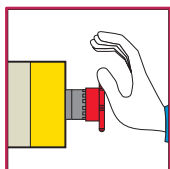
Safety modules

XPSAXE, XPSAC

For Emergency stop and switch monitoring -
Category 0

Catalog

July 2019



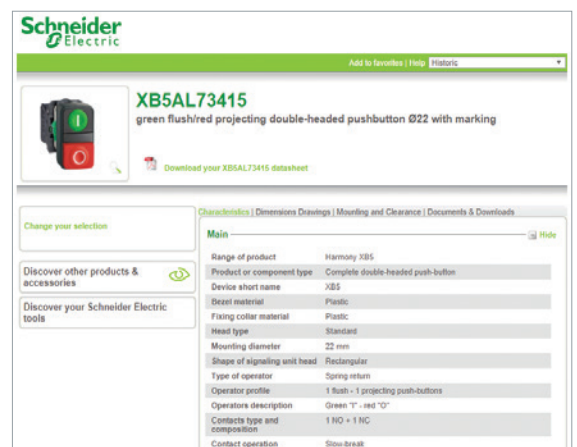
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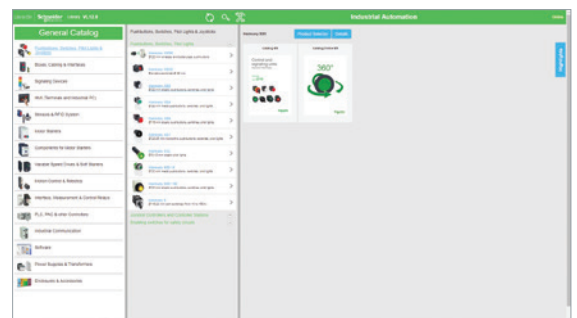
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General content

Preventa XPS

Safety modules

■ Type XPSAXE, For Emergency stop and switch monitoring

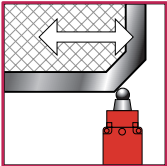
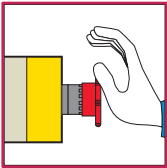
- Operating principle,
- References [page 2](#)

■ Type XPSAC, For Emergency stop and switch monitoring

- Operating principle,
- References [page 4](#)

■ Product reference index

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Operating principle

Safety modules **XPSAXE** are used for monitoring Emergency stop circuits conforming to standards EN/ISO 13850 and EN/IEC 60204-1 and also meet the safety requirements for the electrical monitoring of switches in protective devices conforming to standard EN/ISO 14119.

- They provide protection for both the machine operator and the machine by immediately stopping the dangerous movement on receipt of a stop instruction from the operator, or on detection of a fault in the safety circuit itself.
- To aid diagnostics, the modules have LEDs which provide information on the monitoring circuit status.
- The **XPSAXE** module has 3 safety outputs and a relay output for signalling to the PLC

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
- BG

References

Description	Connection	Number of instantaneous opening safety circuits	Additional outputs	Supply	Reference	Weight kg/lb
Safety modules for Emergency stop and switch monitoring	Captive screw clamp terminals Terminal block removable from module	3	1 relay	~ and 24 V	XPSAXE5120P	0,229/ 0,505
	Spring terminals Terminal block removable from module	3	1 relay	~ and 24 V	XPSAXE5120C	0,229/ 0,505



XPSAXE5120P



XPSAXE5120C

>> Wiring diagram and Functional Diagram are available on the web via the partnumber.

Operating principle, references

Preventa safety modules
Type XPSAXE
For Emergency stop and switch monitoring

Operating principle

Safety modules XPSAXE are used for monitoring Emergency stop circuits conforming to standards EN/ISO 13850 and EN/IEC 60204-1 and also meet the safety requirements for the electrical monitoring of switches in protective devices conforming to standard EN/ISO 14119.

- They provide protection for both the machine operator and the machine by immediately stopping the dangerous movement on receipt of a stop instruction from the operator, or on detection of a fault in the safety circuit itself.
- To aid diagnostics, the modules have LEDs which provide information on the monitoring circuit status.
- The XPSAXE module has 3 safety outputs and a relay output for signalling to the PLC

13849-1, and EN/IEC 62061

■ CSA
■ BG

References

Description	Connection	Number of instantaneous opening safety circuits	Additional outputs	Supply	Reference	Weight kg/lb
Safety modules for Emergency stop and switch monitoring	Captive screw clamp terminals Terminal block removable from module	3	1 relay	~ and = 24 V	XPSAXE5120P	0,229/ 0,505
	Spring terminals Terminal block removable from module	3	1 relay	~ and = 24 V	XPSAXE5120C	0,229/ 0,505

XPSAXE5120P

> Click on a partnumber, the hyperlink opens the web

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XPSAXE5120P
module XPSAXE - stop and switch monitoring - 24 V DC

Download your XPSAXE5120P datasheet

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Safety module application: For emergency stop and switch monitoring ☒

Output type: Relay instantaneous opening 3 ☒

NO, volt-free ☒

[U] rated supply voltage: 24 V AC ☒

Connections - terminals: Captive screw clamp terminals, removable terminal block, damping capacity: 1 x 0.2...1 x 2.5 mm² solid cable without cable end ☒

Number of additional circuits: 1 NC ☒

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XPSAXE5120P
module XPSAXE - stop and switch monitoring - 24 V DC

Result: 2 documents

Instruction sheet

XPSAXE5120P Safety Relay for monitoring EMERGENCY STOP circuits

Refine your selection

☒ Product image

☒ Instruction sheet

☐ Product environmental

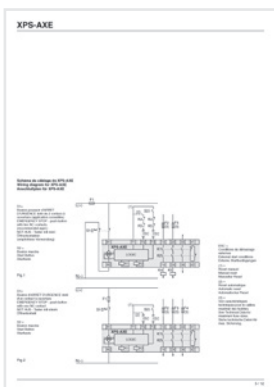
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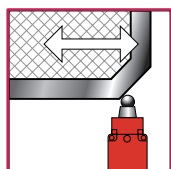
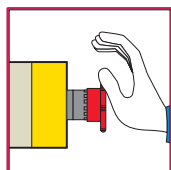
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Operating principle

Safety modules **XPSAC** are used for monitoring Emergency stop circuits conforming to standards EN/ISO 13850 and EN/IEC 60204-1 and also meet the safety requirements for the electrical monitoring of switches in protective devices conforming to standard EN/ISO 14119.

- They provide protection for both the machine operator and the machine by immediately stopping the dangerous movement on receipt of a stop instruction from the operator, or on detection of a fault in the safety circuit itself.
- To aid diagnostics, the modules have LEDs which provide information on the monitoring circuit status.
- The **XPSAC** module has 3 safety outputs and a solid-state output for signalling to the PLC.

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 instantaneous opening safety circuits	Additional outputs	Supply	Reference	Weight kg/lb
Safety modules for Emergency stop and switch monitoring	Captive screw clamp terminals Terminal block integrated in module	3	1 solid-state	~ and --- 24 V	XPSAC5121	0.160/ 0.353
				~ 48 V	XPSAC1321	0.210/ 0.463
				~ 115 V	XPSAC3421	0.210/ 0.463
				~ 230 V	XPSAC3721	0.210/ 0.463



XPSAC●●●●●



XPSAC●●●●●P

Captive screw clamp terminals Terminal block removable from module	3	1 solid-state	~ and --- 24 V	XPSAC5121P	0.160/ 0.353
			~ 48 V	XPSAC1321P	0.210/ 0.463
			~ 115 V	XPSAC3421P	0.210/ 0.463
			~ 230 V	XPSAC3721P	0.210/ 0.463

>> Wiring diagram and Functional Diagram are available on the web via the partnumber.

Operating principle, references

Preventa safety modules
Type XPSAC
For Emergency stop and switch monitoring

Operating principle

Safety modules XPSAC are used for monitoring Emergency stop circuits conforming to standards EN/ISO 13850 and EN/IEC 60204-1 and also meet the safety requirements for the electrical monitoring of switches in protective devices conforming to standard EN/ISO 14119.

- They provide protection for both the machine operator and the machine by immediately stopping the dangerous movement on receipt of a stop instruction from the operator, or on detection of a fault in the safety circuit itself.
- To aid diagnostics, the modules have LEDs which provide information on the monitoring circuit status.
- The XPSAC module has 3 safety outputs and a solid-state output for signalling to the PLC.

References

Description	Connection	Number of instantaneous opening safety circuits	Additional outputs	Supply	Reference	Weight kg/lb
Safety modules for Emergency stop and switch monitoring	Captive screw clamp terminals, terminal block integrated in module	3	1 solid-state	~ and ~ 24 V	XPSAC5121	0.180 / 0.353
				~ 48 V	AC1321	0.210 / 0.463
				~ 115 V		0.210 / 0.463
				~ 230 V		0.210 / 0.463

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XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

Download your XPSAC5121 datasheet

Change your selection Remove all

Safety module application: For emergency stop and switch monitoring ☒

Output type: Relay instantaneous opening 3 NO, volt-free ☒

[Us] rated supply voltage: 24 V AC (-20...+10%) ☒

Connections - terminals: Captive screw clamp terminals, clamping capacity: 1 x 0.25...1 x 2.5 mm² flexible cable with cable end, without bezel ☒

Number of additional circuits: 1 solid state output ☒

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Schneider Electric

XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

Result: 3 documents

Instruction sheet

XPSAC5121 Safety module for emergency stop and switch monitoring

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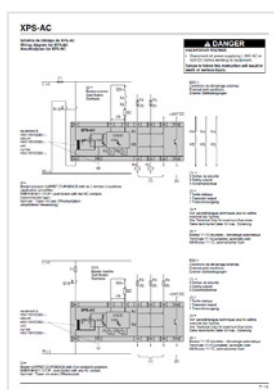
☐ Product environmental

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X	
XPSAC1321	4
XPSAC1321P	4
XPSAC3421	4
XPSAC3421P	4
XPSAC3721	4
XPSAC3721P	4
XPSAC5121	4
XPSAC5121P	4
XPSAXE5120C	2
XPSAXE5120P	2



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Schneider Electric Industries SAS

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

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