

Preventa XPS

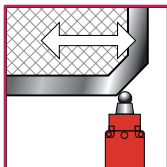
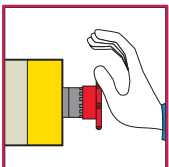
Safety modules

XPSAXE, XPSAC

For Emergency stop and switch monitoring -
Category 0

Catalog

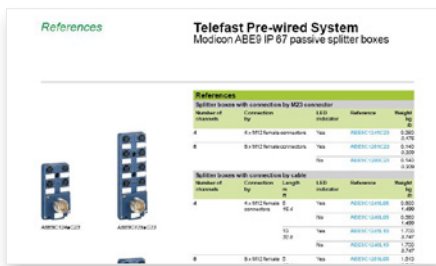
July 2019



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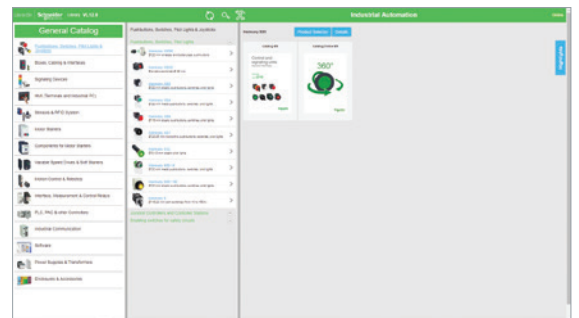
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- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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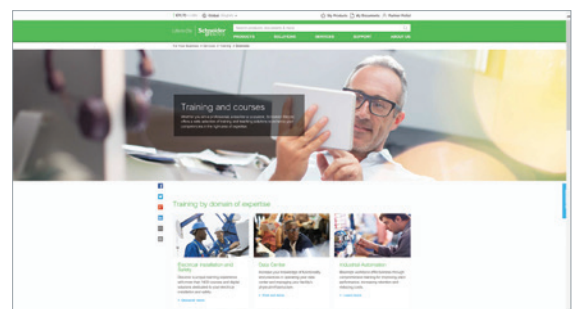


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General content

Preventa XPS

Safety modules

■ Type XPSAXE, For Emergency stop and switch monitoring

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

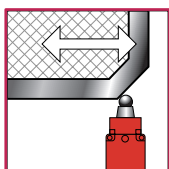
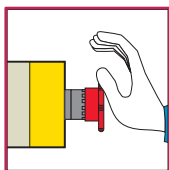
■ Type XPSAC, For Emergency stop and switch monitoring

- Operating principle,
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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

Preventa XPS

Safety modules

XPSAXE for Emergency stop and switch monitoring

>> 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, 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

> Click on a partnumber, the hyperlink opens the web

> Click on "Documents & Download"

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

Download your XPSAXE5120P datasheet

Change your selection

Safety module application: For emergency stop and switch monitoring

Output type: Relay instantaneous opening 3

NO, volt-free

[UK] 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

Characteristics | Dimensions Drawings | Connections and Schema | Documents & Downloads

Main

Complementary

Environment

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

Refine your selection

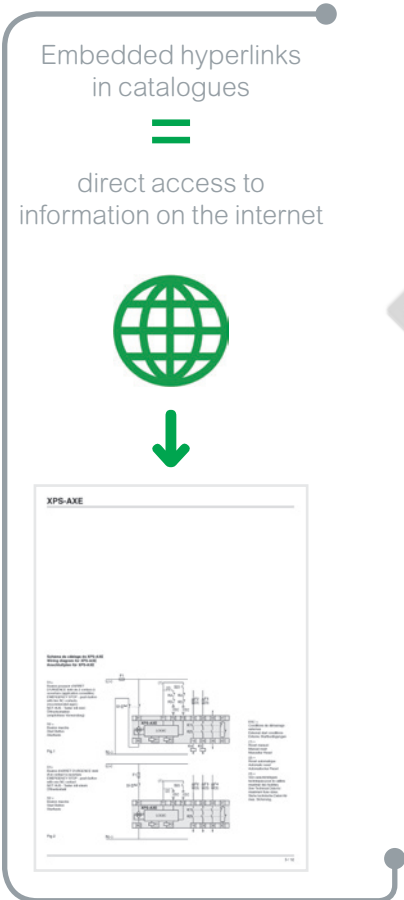
- Product image
- Instruction sheet
- Product environmental
- End of life manual
- Certificate

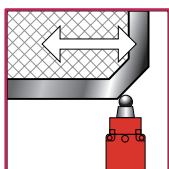
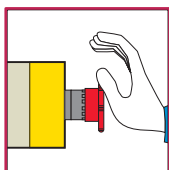
Result: 2 documents

Instruction sheet

XPSAXE5120P Safety Relay for monitoring EMERGENCY STOP circuits

(Select your format)





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

Preventa XPS

Safety modules

XPSAC for Emergency stop and switch monitoring

>> 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.

Level
to EN/ISO 13849-1,
to IEC 61508 and EN/IEC 62061

UL
CSA
TUV

Description	Connection	Number of instantaneous opening safety circuits	Additional outputs	Supply	Reference	Weight (kg)
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	XP1321	0.210 / 0.463
				~ 230 V	XP2321	0.210 / 0.463

> Click on a partnumber, the hyperlink opens the web

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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 2.8 mm flexible cable with cable end, without bezel

Number of additional circuits: 1 solid state output

Characteristics | Dimensions Drawings | Connections and Schema | Documents & Downloads

Main Show

Complementary Show

Environment Show

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XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

Refine your selection

Product image

Instruction sheet

Product environmental

End of life manual

Certificate

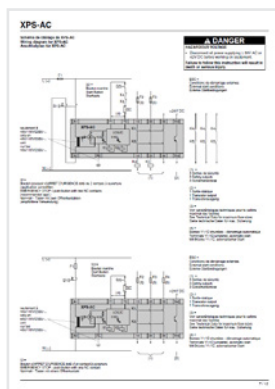
Result: 3 documents

Instruction sheet

XPSAC5121... Safety module for emergency stop and switch monitoring

Embedded hyperlinks in catalogues

direct access to information on the internet



Preventa XPS

Safety modules

XPSAXE, XPSAC

For Emergency stop and switch monitoring - Category 0

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