

Preventa XPS

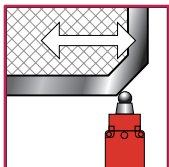
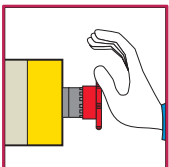
Safety modules

XPSAXE, XPSAC

For Emergency stop and switch monitoring -
Category 0

Catalog

July 2019



Quick access to product information

Get technical information about your product

References

Telefast Pre-wired System
Modicon ABE9 IP 67 passive splitter boxes

References					
Splitter boxes with connection by M2 connector					
Number of circuits	Connection	LED indicator	Reference	Weight (kg)	
4	A-1012	Yes	ABE9C1012	0.270	
6	B-1012	Yes	ABE9C1012	0.320	
8	C-1012	Yes	ABE9C1012	0.370	
Splitter boxes with connection by Cable					
Number of circuits	Connection	Length (mm)	Reference	Weight (kg)	
4	A-1012	5	ABE9C1012	0.280	
		10	ABE9C1012	0.330	
		15	ABE9C1012	0.380	
		20	ABE9C1012	0.430	
		25	ABE9C1012	0.480	
		30	ABE9C1012	0.530	
		35	ABE9C1012	0.580	
		40	ABE9C1012	0.630	
		45	ABE9C1012	0.680	
		50	ABE9C1012	0.730	
		55	ABE9C1012	0.780	
		60	ABE9C1012	0.830	
		65	ABE9C1012	0.880	
		70	ABE9C1012	0.930	
		75	ABE9C1012	0.980	
		80	ABE9C1012	1.030	
		85	ABE9C1012	1.080	
		90	ABE9C1012	1.130	
		95	ABE9C1012	1.180	
		100	ABE9C1012	1.230	

Schneider Electric

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XB5AL73415
green flush/red projecting double-headed pushbutton Ø22 with marking

Download your XB5AL73415 datasheet

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Characteristics | Dimensions Drawings | Mounting and Clearance | Documents & Downloads

Main

Range of product	Harmony XB5
Product or component type	Complete double-headed push-button
Device short name	XB5
Device material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 mm
Shape of signaling unit head	Rectangular
Type of operator	Spring return
Operator profile	1 flush - 1 projecting push-buttons
Operator description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow break

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- 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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Training and courses

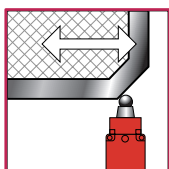
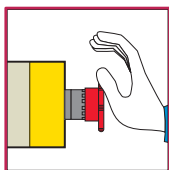
Training by domain of expertise

General content

Preventa XPS

Safety modules

- **Type XPSAXE,
For Emergency stop and switch monitoring**
 - Operating principle,
 - References [page 2](#)
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For Emergency stop and switch monitoring**
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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,
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

> Click on a partnumber, the hyperlink opens the web

> Click on "Documents & Download"

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

Download your XPSAXE5120P datasheet

Change your selection Remove all

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 Show

Complementary Show

Environment Show

> Click on "Instruction sheet"

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

Result: 2 documents

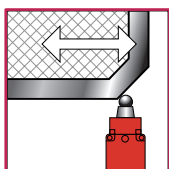
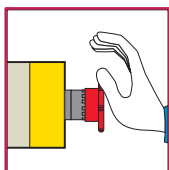
Instruction sheet

XPSAXE5120P Safety Relay for monitoring EMERGENCY STOP circuits

Refine your selection

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





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.

References

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	AC1321	0.180 / 0.353
				~ 48 V	AC1321	0.210 / 0.463
				~ 115 V	AC1321	0.210 / 0.463
				~ 230 V	XPSAC5121	0.210 / 0.463

> Click on a partnumber, the hyperlink opens the web

> Click on "Documents & Download"

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

> Click on "Instruction sheet"

XPSAC5121
module XPSAC - Emergency stop - 24 V AC DC

Result: 3 documents

Instruction sheet

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

Product image

Instruction sheet

Product environmental

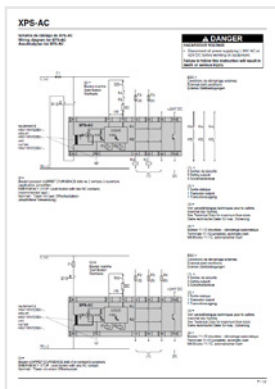
End of life manual

Certificate

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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XPSAXE5120P	2



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

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