

# Pendant control stations

Double insulated with intuitive operation,  
type XACA "Pistol grip"  
For control circuits  
Complete stations "ready for use"



For control of single-speed hoist motors						
Functions	Number of operators	Type of operators	Contact block(s) and scheme		Reference	Weight kg
			Per direction	For Emergency stop		
	2 mechanically interlocked	Standard	1 N/O ZB2BE101		XACA201	0.270
			1 N/C + 1 N/O ZB2BE102 + ZB2BE101			
		Booted	1 N/O ZB2BE101		XACA211	0.290
			1 N/C + 1 N/O ZB2BE102 + ZB2BE101			
			1 N/O ZB2BE101		XACA215	0.320
			1 N/C + 1 N/O ZB2BE102 + ZB2BE101			
		Standard	1 N/O ZB2BE101		XACA2014	0.310
			1 N/C + 1 N/O ZB2BE102 + ZB2BE101			
		Booted	1 N/O ZB2BE101		XACA2114	0.310
			1 N/C + 1 N/O ZB2BE102 + ZB2BE101			

(1) Harmony XB5, trigger action mechanically latching Emergency stop pushbuttons conform to standards EN/IEC 60204-32, EN/ISO 13850, Machinery directive 98/37/EC and standard EN/IEC 60947-5-5.

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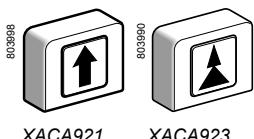
## For control of 2-speed hoist motors



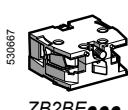
Functions	Number of operators	Type of operators	Contact block(s) and scheme		Reference	Weight kg
			Per direction	For Emergency stop		
2 mechanically interlocked	Standard	2 step 1 N/O + 1 N/O staggered ZB2BE101 + ZB2BE201	E 13 / 23 14 / 24	-	XACA207	0.320
			E 13 / 23 14 / 24	-	XACA217	0.320
2 mechanically interlocked + 1 trigger action latching Emergency stop Ø 30 mm operator ZB5AS834 (1)	Standard	2 step 1 N/O + 1 N/O staggered ZB2BE101 + ZB2BE201	E 13 / 23 14 / 24	1 N/C ZB2BE102	XACA2074	0.360
			E 13 / 23 14 / 24	1 N/C ZB2BE102	XACA2174	0.360



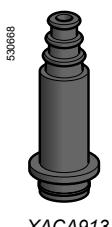
## Separate components and spare parts



Description	For use with	Marking/Function	Scheme	Reference	Weight kg
Booted pushbutton operators with fixing screws	XACA211● XACA215● (single-speed)	↑	-	XACA921	0.010
	XACA217● (2-speed)	↓	-	XACA922	0.010



Contact blocks spring return, slow break	XACA all models	N/O	E 3 / 4	ZB2BE101	0.015
		N/C	E 1 / 2	ZB2BE102	0.015
		N/O staggered	E 3 / 4	ZB2BE201	0.015
Protective cable sleeve + suspension ring + cable clamp	Cable Ø 7 to Ø 13 mm	-	-	XACA913	0.070



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## References

# Pendant control stations

Double insulated, type XACA

For control circuits

Complete stations "ready for use"

DF565523



XACA271  
XACA281

3

DF565524



XACA2714  
XACA2814

DF565524



XACA27141  
XACA28141

DF465525



XACA471  
XACA481

590226



XACA4714  
XACA4814  
XACA47141  
XACA48141

For control of single-speed motors						
Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg	
		Per direction	For Emergency stop			
	2 mechanically interlocked	1 N/O ZB2BE101	E-13 14	-	XACA271	0.475
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	-	XACA281	0.500
	2 mechanically interlocked + 1 trigger action latching Emergency stop Ø 30 mm operator ZA2BS834 (1)	1 N/O ZB2BE101	E-13 14	1 N/C ZB2BE102	XACA2714 (1)	0.575
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	1 N/C ZB2BE102	XACA2814 (1)	0.600
	4 mechanically interlocked between pairs	1 N/O ZB2BE101	E-13 14	1 N/C + N/C + N/C XENT1192	XACA27141 (1)	0.615
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	1 N/C + N/C + N/C XENT1192	XACA28141 (1)	0.635
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/O ZB2BE101	E-13 14	-	XACA471	0.625
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	-	XACA481	0.675
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/O ZB2BE101	E-13 14	1 N/C ZB2BE102	XACA4714 (1)	0.800
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	1 N/C ZB2BE102	XACA4814 (1)	0.815
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/O ZB2BE101	E-13 14	1 N/C + N/C + N/C XENT1192	XACA47141 (1)	0.835
		1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11 12 13 14	1 N/C + N/C + N/C XENT1192	XACA48141 (1)	0.850

(1) Trigger action mechanically latching Emergency stop pushbuttons conform to standards EN/IEC 60204-32, EN/ISO 13850, Machinery directive 98/37/EC and standard EN/IEC 60947-5-5.

## References (continued)

# Pendant control stations

Double insulated, type XACA

For control circuits

Complete stations "ready for use"

### For control of single-speed motors (continued)

Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	6 mechanically interlocked between pairs	1 N/O ZB2BE101	E-13   14	XACA671	0.860
	6 mechanically interlocked between pairs + 1 trigger action latching	1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-13   12   3   14	XACA681	0.950
	6 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/O ZB2BE101	E-13   14	XACA6714 (1)	0.845
	6 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-13   12   3   14	XACA6814 (1)	0.935
	8 mechanically interlocked between pairs	1 N/O on 7 operators ZB2BE101 and 1 N/C on the 8th operator ZB2BE102	E-13   14    E-11   12	XACA871	0.940
	8 mechanically interlocked between pairs	1 N/C + 1 N/O ZB2BE102 + ZB2BE101	E-11   13   12   14	XACA881	1.045

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590224



XACA671



XACA681

DF565526

DF565527



XACA67141



XACA68141

3

## References (continued)

# Pendant control stations

Double insulated, type XACA

For control circuits

Complete stations "ready for use"



XACA291



XACA2914  
XACA29141

### For control of 2-speed motors

Functions	Number of operators	Contact block(s) and scheme		Reference	Weight kg
		Per direction	For Emergency stop		
	2 mechanically interlocked between pairs	1 N/C + N/O + N/O staggered XENG1191	-	XACA291	0.525
	2 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 30 mm operator ZA2BS834 (1)	1 N/C + N/O + N/O staggered XENG1191	1 N/C ZB2BE102	XACA2914 (1)	0.570
	4 mechanically interlocked between pairs	1 N/C + N/O + N/O staggered XENG1191	1 N/C + N/C + N/C XENT1192	XACA29141 (1)	0.605
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/C + N/O + N/O staggered XENG1191	1 N/C ZB2BE102	XACA491	0.625
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/C + N/O + N/O staggered XENG1191	1 N/C + N/C + N/C XENT1192	XACA4914 (1)	0.675
(a) 	4 mechanically interlocked between pairs	1 N/C + N/O + N/O staggered (a) XENG1191	-	XACA492	0.675
(b) 	1 N/O (b) ZB2BE101	-	E-13 14-3	XACA4924 (1)	0.700
	4 mechanically interlocked between pairs + 1 trigger action latching Emergency stop Ø 40 mm operator ZA2BS844 (1)	1 N/C + N/O + N/O staggered (a) XENG1191	1 N/C ZB2BE102	XACA49241 (1)	0.735
	1 N/O (b) ZB2BE101	-	E-13 14-3	XACA49241 (1)	0.735
	1 N/C + N/O + N/O staggered (a) XENG1191	1 N/C + N/C + N/C XENT1192	12-21-31 22-32	XACA49241 (1)	0.735

(1) Trigger action mechanically latching Emergency stop pushbuttons conform to standards EN/IEC 60204-32, EN/ISO 13850, Machinery directive 98/37/EC and standard EN/IEC 60947-5-5.

# Pendant control stations

Double insulated, type XACA

For control circuits

Empty enclosures

530233



XACA02

## Empty enclosures

Description	Number of cut-outs	Reference	Weight kg
<b>Enclosure comprising:</b> - the enclosure, - internal mounting plate, - protective cable sleeve, - internal cable clamp, - suspension ring, - cable tie (for tightening sleeve onto cable).	2	XACA02	0.440
	3	XACA03 (1)	0.440

530234



XACA03

4

XACA04

0.540

5

XACA05 (1)

0.625

3

530234



XACA12

6

XACA06

0.665

8

XACA08

0.770

12

XACA12

1.000

## Variable composition stations, factory assembled

Use the order form on page 3/13 to define the required configuration.

**Equipment:** contact blocks, operating heads  
(control and signalling), complementary accessories

See separate components,  
page 3/6

(1) Enclosures with 3 cut-outs XACA03 and 5 cut-outs XACA05 cannot be fitted with a mounting adaptor for base mounted units. The first cut-out can only be used for the Emergency stop function.

## References

# Pendant control stations

Double insulated, type XACA

For control circuits

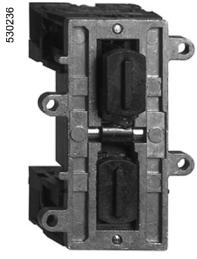
Separate components and spare parts



ZB2BE101  
ZB2BE102



XENG1191  
XENG1491



XENG3781  
XENG3791



XENT1192

Contact blocks for front mounting					
Description	Application	Function	Scheme	Reference	Weight kg
Single block, spring return slow break	Single-speed	N/O		ZB2BE101	0.015
		N/C		ZB2BE102	0.015
		N/C + N/O + N/O simultaneous (1)		XENG1491	0.040
	2-speed	N/C + N/O + N/O staggered (1)		XENG1191	0.040
Double block, latching slow break (2)	Single-speed	N/O		XENG3781	0.060
		N/O		XENG3791	0.060
		N/O			
		N/C			

Isolating switch, slow break, for front mounting					
For mounting in enclosures	Application	Function	Scheme	Reference	Weight kg
XACA03 (frontal cut-out) XACA05, A06, A08 (frontal or base cut-out)	Emergency stop	N/C + N/C + N/C with positive opening operation		XENT1192	0.050

(1) Only for use with XACA9●●● operators.

(2) Not suitable for use with the following operating heads: ZA2BB, ZA2BD, ZA2BG and ZA2BS.

## References (continued)

# Pendant control stations

Double insulated, type XACA

For control circuits

Separate components and spare parts



XACS100



ZB2BV006



ZB2BV007

### Contact blocks for base mounting

Description	Function	Scheme	Reference	Weight kg
Spring return slow break (1)	N/O	E-13 14	XACS101	0.030
	N/C	E-11 12 7	XACS102	0.030
	N/O + N/O	E-13 14 23 24	XACS103	0.045
	N/C + N/C	E-11 12 21 22	XACS104	0.045
	N/C + N/O	E-11 12 23 24	XACS105	0.045

3

### Pilot light bodies for front mounting

Description	Supply voltage	Scheme	Reference	Weight kg
Direct supply Bulb not included (2)	≤ 400 V	X1 X2	ZB2BV006	0.015
Direct supply, through resistor Incandescent BA 9s base fitting 130 V bulb included	230 V	X1 X2	ZB2BV007	0.020

(1) Not suitable for use with 3-position operating heads ZA2BD and ZA2BG or for mounting in enclosures XACA039 and XACA03.

(2) Bulb type for use with direct supply units: BA 9s base fitting incandescent bulb  $U \leq 130$  V or neon bulb  $110$  V  $\leq U \leq 400$  V. Maximum power: 2.6 W, maximum Ø: 11 mm, maximum length: 28 mm. See page 3/9.

# Pendant control stations

Double insulated, type XACA

For control circuits

Separate components and spare parts

530243



XACA94••

## Operating heads for front mounting

Description	Colour	Sold in lots of	Unit reference	Weight kg
Booted operators	White	10	XACA9411	0.010
	Black	10	XACA9412	0.010
	Green	10	XACA9413	0.010
	Red	10	XACA9414	0.010
	Yellow	10	XACA9415	0.010
	Blue	10	XACA9416	0.010
	Brown	10	XACA9419	0.010

3

530249



ZA2BS834

## Operating heads for front or base mounting

Description	Colour	Type	Reference	Weight kg
Trigger action latching Emergency stop (1) Turn to release	Red	Ø 30 mm	ZA2BS834	0.040
		Ø 40 mm	ZA2BS844	0.050
Trigger action latching Emergency stop (2) Key release (n° 455) Key withdrawal in rest (unactuated) position	Red	Ø 30 mm	ZA2BS934	0.060
		Ø 40 mm	ZA2BS944	0.065
Selector switches (3), standard handle (Not to be used with XENG•••• contact blocks)	Black	2 position, stay put	ZA2BD2	0.018
		3 position, stay put (4)	ZA2BD3	0.018
Key switches (2) (key n° 455) Key withdrawal in left and right-hand position	—	2 position, stay put	ZA2BG4	0.042
		3 position, stay put (4)	ZA2BG5	0.042
Key switch (2) (key n° 455) Key withdrawal in left-hand position	—	2 position, stay put	ZA2BG2	0.042
Key switch (2) (key n° 455) Spring return from right to left Key withdrawal in left-hand position	—	2-position	ZA2BG6	0.042
Key switch (4) (2) (key n° 455) Key withdrawal in centre position	—	3 position, stay put	ZA2BG3	0.042
Wobblesticks (5) Operates in all directions for fast stop	Black	—	ZA2BB2	0.060
	Red	—	ZA2BB4	0.060

DF539493



ZA2BS944

530245



ZA2BD•

530246



ZA2BG•

DF565529



ZA2BB•

- (1) Trigger action mechanically latching Emergency stop pushbuttons conform to standards EN/IEC 60204-32, EN/ISO 13850, Machinery directive 98/37/EC and standard EN/IEC 60947-5-5.
- (2) Other key numbers available on request, please consult our Customer Care Centre.
- (3) Selector switches available with other mechanical functions, please consult our Customer Care Centre.
- (4) Only suitable for front mounting.
- (5) Base mounting recommended.

# Pendant control stations

Double insulated, type XACA

For control circuits

Separate components and spare parts



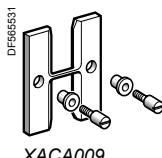
ZA2BV01



DL1C••••



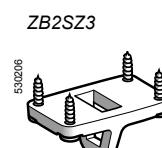
DL1CF•••



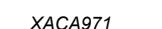
XACA009



ZB2SZ3



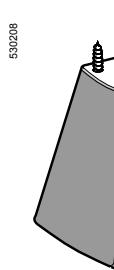
XACB961



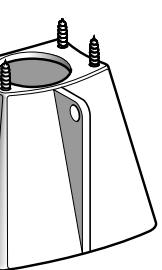
XACA971



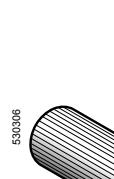
XACA982



XACA983



ZB2SZ3



XBFX13



ZA2BZ905

## Pilot light heads

Description	Colour	Reference	Weight kg
<b>For use with incandescent bulbs</b>			
Lens cap with bezel and fixing nut	White	ZA2BV01	0.015
	Green	ZA2BV03	0.015
	Red	ZA2BV04	0.015
	Yellow	ZA2BV05	0.015
	Blue	ZA2BV06	0.015
	Clear	ZA2BV07	0.015
<b>For use with neon bulbs</b>			
Lens cap with bezel and fixing nut	Green	ZA2BV033	0.015
	Red	ZA2BV043	0.015
	Yellow	ZA2BV053	0.015
	Clear	ZA2BV073	0.015

## Bulbs

Description	Voltage	Sold in lots of	Unit reference	Weight kg
Incandescent BA 9s base fitting Maximum power: 2.6 W Maximum Ø: 11 mm Maximum length: 28 mm	6 V	10	DL1CB006	0.002
	12 V	10	DL1CE012	0.002
	24 V	10	DL1CE024	0.002
	48 V	10	DL1CE048	0.002
	130 V	10	DL1CE130	0.002
Neon BA 9s base fitting Maximum power: 2.6 W Maximum Ø: 11 mm Maximum length: 28 mm	110 V	10	DL1CF110	0.002
	230 V	10	DL1CF220	0.002
	400 V	10	DL1CF380	0.002

## Complementary accessories, tools

Description	Reference	Weight kg
Protective cable sleeve		XACA950
For cable Ø 8 to 22 mm		0.070
For cable Ø 8 to 26 mm		0.090
Mechanical interlock for 2 operators	XACA009	0.003
Blanking plug	ZB2SZ3	0.005
Tightening tool for fixing nut	ZA2BZ905	0.060
Adaptor for self-supporting cable type BBAP	XACB961	0.025
Lower support ring	XACA971	0.010
Protective guards for base mounted units		XACA982
For selector switch (standard handle) or Emergency stop head pushbutton		0.025
For key switch or key release latching Emergency stop head pushbutton	XACA983	0.045
Bulb extractor	XBFX13	0.025

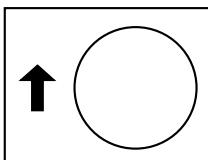
# Pendant control stations

Double insulated, type XACA

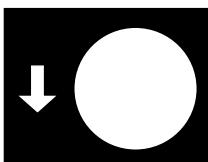
For control circuits

Legends 30 x 40 mm with symbols conforming to  
NF E 52-124

530269



White background,  
black symbol



Black background,  
white symbol



Red background,  
white symbol

Function Symbol	Reference	Weight kg	Function Symbol	Reference	Weight kg
Raise, slow	ZB2BY4901	0.001	Lower, slow	ZB2BY2904	0.001
Raise, fast	ZB2BY4902	0.001	Lower, fast	ZB2BY2905	0.001
Raise, slow-fast	ZB2BY4903	0.001	Lower, slow-fast	ZB2BY2906	0.001
Right, slow	ZB2BY4907	0.001	Left, slow	ZB2BY2910	0.001
Right, fast	ZB2BY4908	0.001	Left, fast	ZB2BY2911	0.001
Right, slow-fast	ZB2BY4909	0.001	Left, slow-fast	ZB2BY2912	0.001
Forward, slow	ZB2BY4913	0.001	Reverse, slow	ZB2BY2916	0.001
Forward, fast	ZB2BY4914	0.001	Reverse, fast	ZB2BY2917	0.001
Forward, slow-fast	ZB2BY4915	0.001	Reverse, slow-fast	ZB2BY2918	0.001
Slew right, slow	ZB2BY4919	0.001	Slew left, slow	ZB2BY2922	0.001
Slew right, fast	ZB2BY4920	0.001	Slew left, fast	ZB2BY2923	0.001
Slew right, slow-fast	ZB2BY4921	0.001	Slew left, slow-fast	ZB2BY2924	0.001
Slow	ZB2BY4933	0.001	Fast	ZB2BY4934	0.001
Klaxon	ZB2BY4932	0.001	Start-Klaxon	ZB2BY4935	0.001
Start	ZB2BY4930	0.001	Stop	ZB2BY2931	0.001

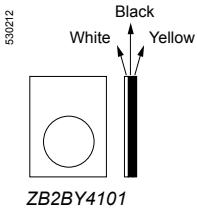
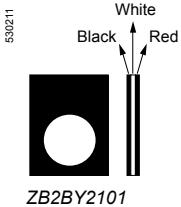
# Pendant control stations

Double insulated, type XACA

For control circuits

Legends 30 x 40 mm

Text	Reference	Weight kg	Text	Reference	Weight kg
<ul style="list-style-type: none"> <li>■ Start functions: white characters on black background</li> <li>■ Stop functions: white characters on red background</li> </ul>					
<b>Blank</b>					
Black or red background	ZB2BY2101	0.001	White or yellow background	ZB2BY4101	0.001
<b>With English text</b>					
<b>For pushbuttons</b>					
Start	ZB2BY2303	0.001	Marche	ZB2BY2103	0.001
Stop	ZB2BY2304	0.001	Arrêt	ZB2BY2104	0.001
Forward	ZB2BY2305	0.001	Avant	ZB2BY2105	0.001
Reverse	ZB2BY2306	0.001	Arrière	ZB2BY2106	0.001
Up	ZB2BY2307	0.001	Montée	ZB2BY2107	0.001
Down	ZB2BY2308	0.001	Descente	ZB2BY2108	0.001
Right	ZB2BY2309	0.001	Droite	ZB2BY2109	0.001
Left	ZB2BY2310	0.001	Gauche	ZB2BY2110	0.001
On	ZB2BY2311	0.001	En service	ZB2BY2111	0.001
Off	ZB2BY2312	0.001	Hors service	ZB2BY2112	0.001
Power on	ZB2BY2326	0.001	Sous tension	ZB2BY2126	0.001
Slow	ZB2BY2327	0.001	Lent	ZB2BY2127	0.001
Fast	ZB2BY2328	0.001	Vite	ZB2BY2128	0.001
Klaxon	ZB2BY2125	0.001	Klaxon	ZB2BY2125	0.001
<b>For selector switches</b>					
-	-	0.001	<b>For selector switches</b>		
Off-On	ZB2BY2367	0.001	Arrêt-Marche	ZB2BY2166	-
<b>With special texts</b>					
<ul style="list-style-type: none"> <li>■ Specify text when ordering,</li> <li>■ 2 lines maximum, 11 characters per line.</li> </ul>					
White characters on black background	ZB2BY2002	0.001	Black characters on white background	ZB2BY4001	0.001
White characters on red background	ZB2BY2004	0.001	Black characters on yellow background	ZB2BY4005	0.001
Other versions	Legends with texts in other languages. Please consult our Customer Care Centre.				

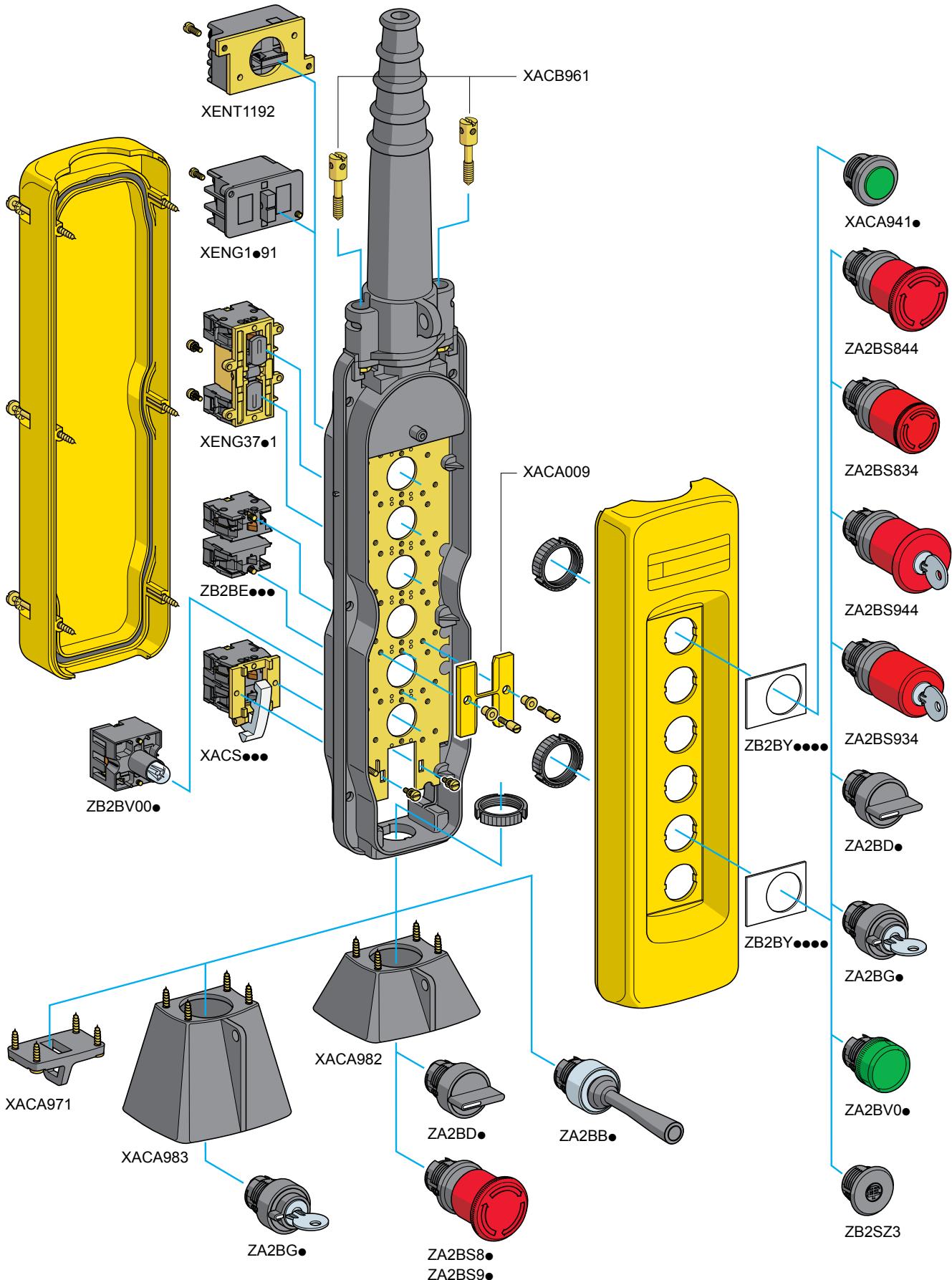


# Pendant control stations

Double insulated, type XACA

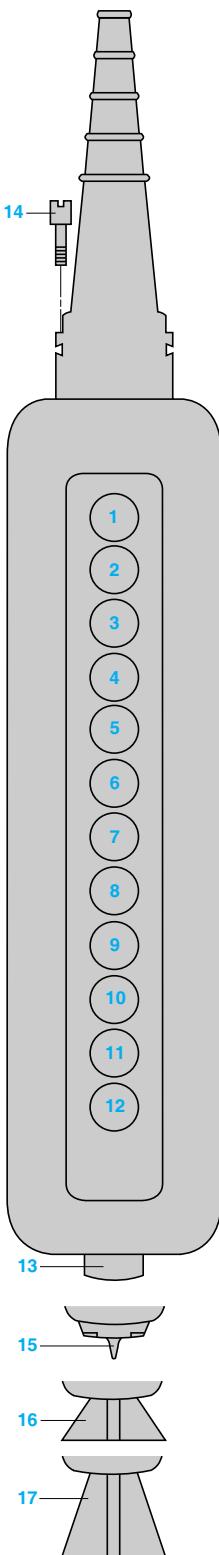
For control circuits

Variable composition stations, factory assembled



**Order form (specimen suitable  
for photocopying)**

**Pendant control stations**  
Double insulated, type XACA  
For control circuits  
Variable composition stations, factory assembled



Customer		Schneider Electric Industries	
Company	Order N°	Delivery date	Sales office - Subsidiary Co.
			Order N°

Enter the order with XACA09 reference

Unit reference of empty enclosure, see page 3/5	Number of identical stations	Enclosure price (1)
XAC	A <input type="checkbox"/> <input type="checkbox"/>	

Legends see page 3/10		Contact blocks or pilot light bodies see page 3/6		Operating heads or pilot light heads or blanking plug see page 3/8		Total price
Reference	Unit price	Reference	Unit price	Reference	Unit price	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Unit mounted in base of enclosure (if required) (Except when using XACA03 and XACA05)

13						
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Complementary accessories, see page 3/9 (cross the appropriate box or boxes)

Description		Reference	Unit price	
14 Adaptor for self-supporting cable type BBAP for use with cable entry sleeve Ø 8 to 26 mm	<input checked="" type="checkbox"/>	XACB961		
15 Lower support ring	<input type="checkbox"/>	XACA971		
16 Protective guard for selector switch (std. handle) or Emergency stop head pushbutton, mounted in base	<input type="checkbox"/>	XACA982		
17 Protective guard for key switch or key release Emergency stop head pushbutton, mounted in base	<input type="checkbox"/>	XACA983		

Mechanical interlocking (2)

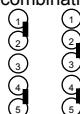
Reference	Quantity	Unit price	
XACA009			
Factory assembly:	Number of heads or blanking plugs to be fitted	Additional cost XAC9VA for fitting of 1 head or 1 blanking plug	X

Total price of assembled pendant station

(1) Obtain the empty enclosure price.

(2) Connect with a line the 2 ways which require mechanical interlocking.

Examples: combinations possible



Combinations not possible

