

# Pendant control stations

Double insulated, type XACA

For control circuits

Empty enclosures

530233



XACA02

530234



XACA03

530234



XACA12

## Empty enclosures

Description	Number of cut-outs	Reference	Weight kg
<b>Enclosure</b> comprising: - the enclosure, - internal mounting plate, - protective cable sleeve, - internal cable clamp, - suspension ring, - cable tie (for tightening sleeve onto cable).	2	<b>XACA02</b>	0.440
	3	<b>XACA03 (1)</b>	0.440
	4	<b>XACA04</b>	0.540
	5	<b>XACA05 (1)</b>	0.625
	6	<b>XACA06</b>	0.665
	8	<b>XACA08</b>	0.770
	12	<b>XACA12</b>	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.



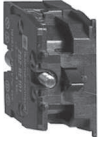
# Pendant control stations

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Separate components and spare parts

530238



ZB2BE101  
ZB2BE102

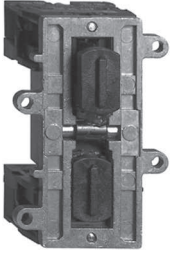
Contact blocks for front mounting					
Description	Application	Function	Scheme	Reference	Weight kg
Single block, spring return slow break	Single-speed	N/O		ZB2BE101	0.015
		N/C		ZB2BE102	0.015
	N/C + N/O + N/O simultaneous (1)			XENG1491	0.040
	2-speed	N/C + N/O + N/O staggered (1)		XENG1191	0.040
Double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

530237



XENG1191  
XENG1491

530236



XENG3781  
XENG3791

530239



XENT1192

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.

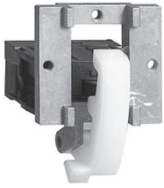
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Separate components and spare parts

530240



XACS10●

## Contact blocks for base mounting

Description	Function	Scheme	Reference	Weight kg
Spring return slow break (1)	N/O		XACS101	0.030
	N/C		XACS102	0.030
	N/O + N/O		XACS103	0.045
	N/C + N/C		XACS104	0.045
	N/C + N/O		XACS105	0.045

PF110461



ZB2BV006

## Pilot light bodies for front mounting

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

PF110462



ZB2BV007

(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  $\varnothing$ : 11 mm, maximum length: 28 mm. See page 3/9.

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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

DF539493



ZA2BS944

530245



ZA2BD●

530246



ZA2BG●

DF565529



ZA2BB●

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

(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.

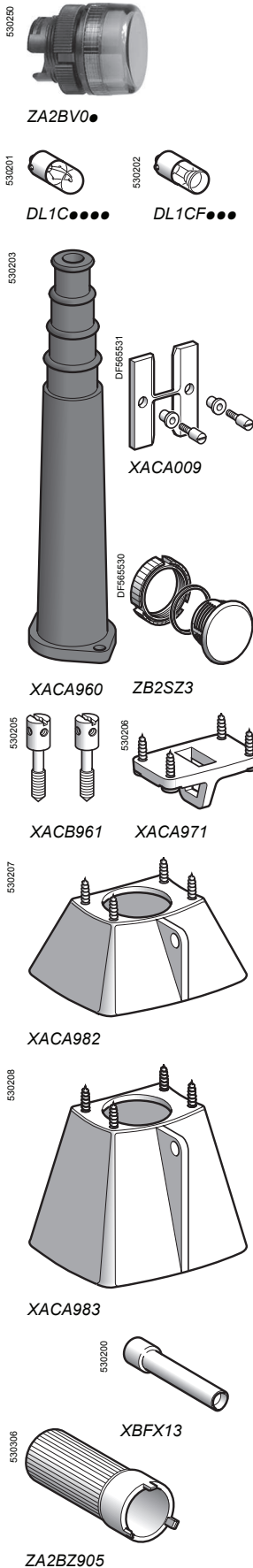
(5) Base mounting recommended.

# Pendant control stations

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For control circuits

Separate components and spare parts



## 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
<b>Incandescent</b> 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
<b>Neon</b> 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
<b>Protective cable sleeve</b>	For cable Ø 8 to 22 mm	XACA950 0.070
	For cable Ø 8 to 26 mm	XACA960 0.090
<b>Mechanical interlock for 2 operators</b>	With fixing screws	XACA009 0.003
<b>Blanking plug</b>	With seal and fixing nut	ZB2SZ3 0.005
<b>Tightening tool for fixing nut</b>	–	ZA2BZ905 0.060
<b>Adaptor for self-supporting cable type BBAP</b>	Mounted with protective sleeve for cable Ø 8 to 26 mm	XACB961 0.025
<b>Lower support ring</b>	–	XACA971 0.010
<b>Protective guards for base mounted units</b>	For selector switch (standard handle) or Emergency stop head pushbutton	XACA982 0.025
	For key switch or key release latching Emergency stop head pushbutton	XACA983 0.045
<b>Bulb extractor</b>	For BA 9s base fitting bulbs	XBFX13 0.025

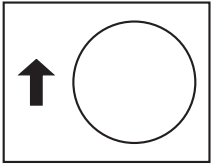
# Pendant control stations

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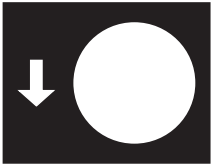
For control circuits

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

534209



White background, black symbol

































Black background, white symbol



Red background, white symbol

3

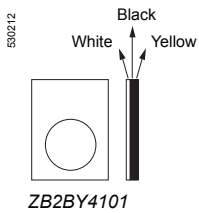
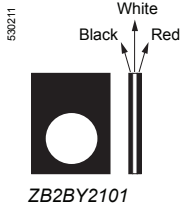
Function Symbol	Reference	Weight kg	Function Symbol	Reference	Weight kg
	ZB2BY4901	0.001		ZB2BY2904	0.001
	ZB2BY4902	0.001		ZB2BY2905	0.001
	ZB2BY4903	0.001		ZB2BY2906	0.001
	ZB2BY4907	0.001		ZB2BY2910	0.001
	ZB2BY4908	0.001		ZB2BY2911	0.001
	ZB2BY4909	0.001		ZB2BY2912	0.001
	ZB2BY4913	0.001		ZB2BY2916	0.001
	ZB2BY4914	0.001		ZB2BY2917	0.001
	ZB2BY4915	0.001		ZB2BY2918	0.001
	ZB2BY4919	0.001		ZB2BY2922	0.001
	ZB2BY4920	0.001		ZB2BY2923	0.001
	ZB2BY4921	0.001		ZB2BY2924	0.001
	ZB2BY4933	0.001		ZB2BY4934	0.001
	ZB2BY4932	0.001		ZB2BY4935	0.001
	ZB2BY4930	0.001		ZB2BY2931	0.001

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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>With French text</b>		
<b>For pushbuttons</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>			<b>For selector switches</b>		
-	-	0.001	Arrêt-Marche	ZB2BY2166	-
Off-On	ZB2BY2367	0.001	Hors-en	ZB2BY2167	0.001
<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
<b>Other versions</b>	Legends with texts in other languages. Please consult our Customer Care Centre.				

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Variable composition stations, factory assembled

3

