

# Product datasheet

Specifications



## Pendant control station, plastic, yellow, 8 push buttons

XACA871

### Main

Range of product	Harmony XAC
Product or component type	Pendant control station
Device short name	XACA

### Complementary

Control station type	Double insulated
Enclosure material	Polypropylene
Electrical circuit type	Control circuit
Enclosure type	Complete ready for use
Control station application	Control of single speed hoist motor
Control station composition	8 push-buttons
Control button type	First push-button 1 NO raise, slow Second push-button 1 NO lower, slow Fourth push-button 1 NO left, slow Third push-button 1 NO right, slow Fifth push-button 1 NO forward slow Sixth push-button 1 NO reverse, slow Eighth push-button 1 NC O Seventh push-button 1 NO I
Product compatibility	ZB2BE101 for each direction (except eighth) ZB2BE102 for eighth direction
Mechanical interlocking	With mechanical interlocking between pairs
Control station colour	Yellow
Connections - terminals	Screw clamp terminals, 1 x 0.5...1 x 2.5 mm <sup>2</sup> without cable end Screw clamp terminals, 1 x 0.5...2 x 1.5 mm <sup>2</sup> with cable end
Standards	IEC 60947-5-1 CSA C22.2 No 14 IEC 60204-32 UL 508
Product certifications	CCC GOST
Protective treatment	TH
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6

<b>Shock resistance</b>	100 gn conforming to IEC 60068-2-27
<b>Overtoltage category</b>	Class II conforming to IEC 61140
<b>IP degree of protection</b>	IP65 conforming to IEC 60529
<b>IK degree of protection</b>	IK08 conforming to IEC 62262
<b>Mechanical durability</b>	1000000 cycles
<b>Cable entry</b>	Rubber sleeve with stepped entry 8...26 mm
<b>Contact code designation</b>	A600 AC-15, Ue = 240 V, Ie = 3 A conforming to IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A conforming to IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A conforming to IEC 60947-5-1 appendix A
<b>[Ithe] conventional enclosed thermal current</b>	10 A
<b>[Ui] rated insulation voltage</b>	600 V (pollution degree 3)
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to IEC 60947-1
<b>Contact operation</b>	Slow-break
<b>Maximum resistance across terminals</b>	25 MOhm
<b>Operating force</b>	10 N push-button 8 N eighth push-button
<b>Short-circuit protection</b>	10 A fuse protection by cartridge fuse type gG
<b>Rated operational power in W</b>	40 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 120 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 48 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 48 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C 65 W DC-13 for 1000000 cycles, operating rate <60 cyc/mn at 24 V, load factor = 0.5 (inductive load) conforming to IEC 60947-5-1 appendix C
<b>Terminals description ISO n°1</b>	(13-14)NO
<b>Terminals description ISO n°2</b>	(11-12)NC
<b>Terminal identifier</b>	(11-12)NC (13-14)NO
<b>Net weight</b>	0.94 kg

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	8.500 cm
<b>Package 1 Width</b>	9.000 cm
<b>Package 1 Length</b>	57.000 cm
<b>Package 1 Weight</b>	1.047 kg
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	42
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	57.478 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>

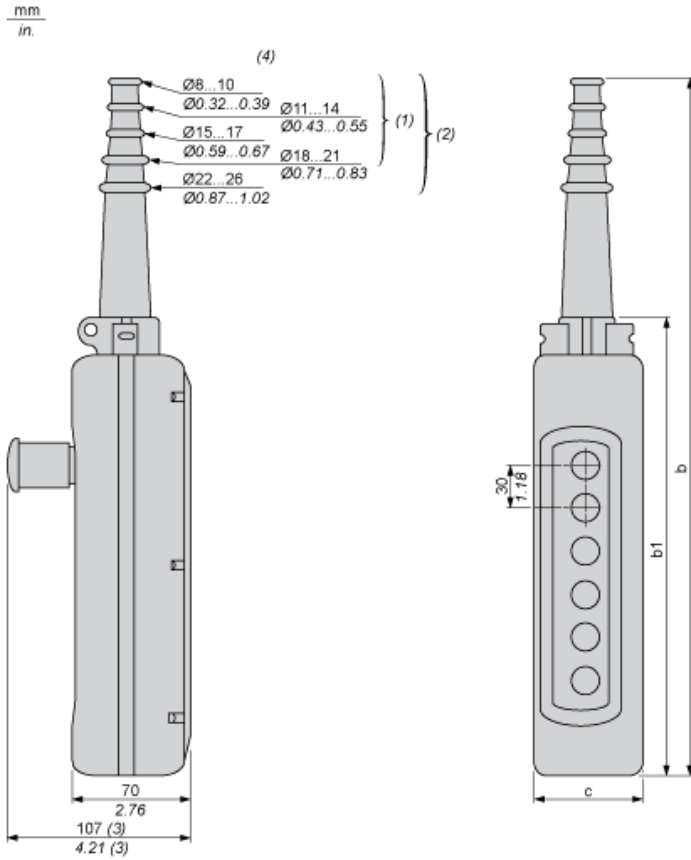
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>Circularity Profile</b>	No need of specific recycling operations
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

<b>Warranty</b>	18 months
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**Dimensions**

Below drawing shows a product with 6 cut-outs. Select the number of cut-outs according to the product characteristics in order to get b, b1 and c dimensions.



- (1) For 2 and 3-way XAC A stations.
- (2) For 4 to 8-way XAC A stations.
- (3) With trigger action Emergency stop head operator
- (4) Internal  $\varnothing$

**Dimensions in mm**

Number of cut-outs	2	3	4	5	6	8	12
b	314	314	440	440	500	560	680
b1	190	190	250	250	310	370	490
c	80	80	80	80	80	80	92

**Dimensions in in.**

Number of cut-outs	2	3	4	5	6	8	12
b	12.36	12.36	17.32	17.32	19.68	22.05	26.77
b1	7.48	7.48	9.84	9.84	12.20	14.57	19.29
c	3.15	3.15	3.15	3.15	3.15	3.15	3.62

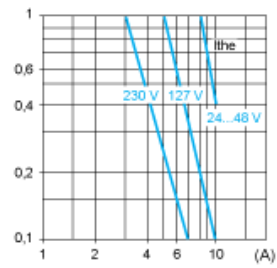


**Rated Operational Power**

**AC Supply 50/60 Hz Inductive Circuit**

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Millions of operating cycles, AC-15 utilization category



**I<sub>the</sub>** Thermal current  
**(A)** Current

**DC Supply**

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Power broken in W for 1 million operating cycles, DC-13 utilization category

Voltage	V	24	48	120
Inductive circuit	W	65	48	40

**Recommended replacement(s)**