

Product data sheet

Specifications



Pendant control station, Harmony XAC, plastic, yellow, 8 push buttons with NO+NC

XACA881

Product availability: Stock - Normally stocked in distribution facility

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 NC + 1 NO raise, slow Second push-button 1 NC + 1 NO lower, slow Fourth push-button 1 NC + 1 NO left, slow Third push-button 1 NC + 1 NO right, slow Fifth push-button 1 NC + 1 NO forward slow Sixth push-button 1 NC + 1 NO reverse, slow Eighth push-button 1 NC + 1 NO O Seventh push-button 1 NC + 1 NO I
Product compatibility	ZB2BE102 + ZB2BE101 for each 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 ² without cable end Screw clamp terminals, 1 x 0.5...2 x 1.5 mm ² with cable end
Standards	IEC 60947-5-1 UL 508 CSA C22.2 No 14 IEC 60204-32
Product Certifications	GOST CCC
Protective treatment	TH
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	15 gn (f= 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	100 gn IEC 60068-2-27
Overvoltage category	Class II conforming to IEC 61140
IP degree of protection	IP65 conforming to IEC 60529

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

IK degree of protection	IK08 conforming to IEC 62262
Mechanical durability	1000000 cycles
Cable entry	Rubber sleeve with stepped entry 0.3...1.02 in (8...26 mm)
Contact code designation	A600 AC-15, Ue = 240 V, Ie = 3 A IEC 60947-5-1 appendix A A600 AC-15, Ue = 600 V, Ie = 1.2 A IEC 60947-5-1 appendix A Q600 DC-13, Ue = 250 V, Ie = 0.27 A IEC 60947-5-1 appendix A Q600 DC-13, Ue = 600 V, Ie = 0.1 A IEC 60947-5-1 appendix A
[Ithe] conventional enclosed thermal current	10 A
[UI] rated insulation voltage	600 V 3)
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
Contact operation	Slow-break
Maximum resistance across terminals	25 MOhm
Operating force	13 N push-button
Short-circuit protection	10 A fuse protection cartridge gG
Rated operational power in W	40 W DC-13 1000000 cycles 60 cyc/mn 120 V 0.5 inductive IEC 60947-5-1 appendix C 48 W DC-13 1000000 cycles 60 cyc/mn 48 V 0.5 inductive IEC 60947-5-1 appendix C 65 W DC-13 1000000 cycles 60 cyc/mn 24 V 0.5 inductive IEC 60947-5-1 appendix C
Terminals description ISO n°1	(13-14)NO (11-12)NC
Terminal identifier	(11-12)NC (13-14)NO
Product Weight	2.304 lb(US) (1.045 kg)

Ordering and shipping details

Category	US10CS222473
Discount Schedule	0CS2
GTIN	3389110644883
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.346 in (8.500 cm)
Package 1 Width	3.465 in (8.800 cm)
Package 1 Length	22.441 in (57.000 cm)
Package weight(Lbs)	2.549 lb(US) (1.156 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	42
Package 2 Height	29.528 in (75.000 cm)
Package 2 Width	31.496 in (80.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	137.088 lb(US) (62.182 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	10 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



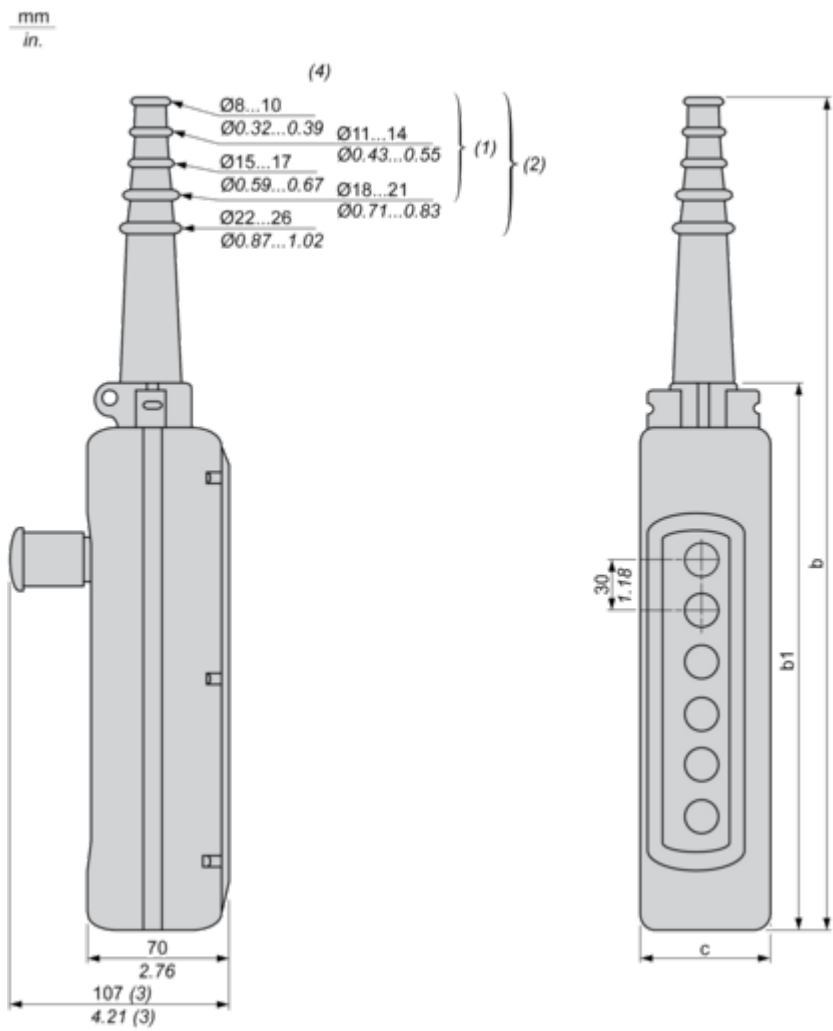
Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

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 ø

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.

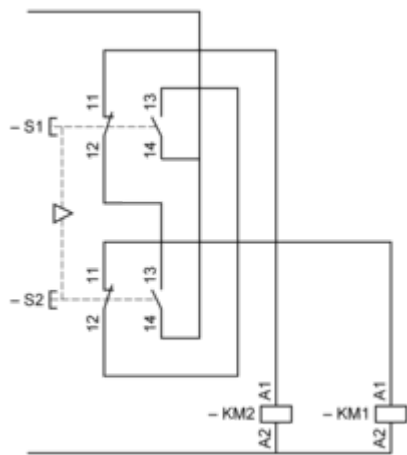
Number of cut-outs	2	3	4	5	6	8	12
b	12.36	12.36	17.32	17.32	19.68	22.05	26.77
b1	7.48	7.48	9.84	9.84	12.20	14.57	19.29

Number of cut-outs	2	3	4	5	6	8	12
c	3.15	3.15	3.15	3.15	3.15	3.15	3.62

Connections and Schema

Control of Single-Speed Reversing Motor

With ZBE2BE101 + ZB2BE102 contacts blocks, to be ordered separately



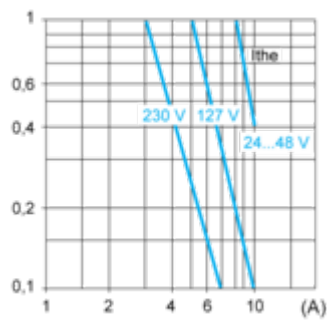
Performance Curves

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



Ithe Thermal current

(A) Current

DC Supply

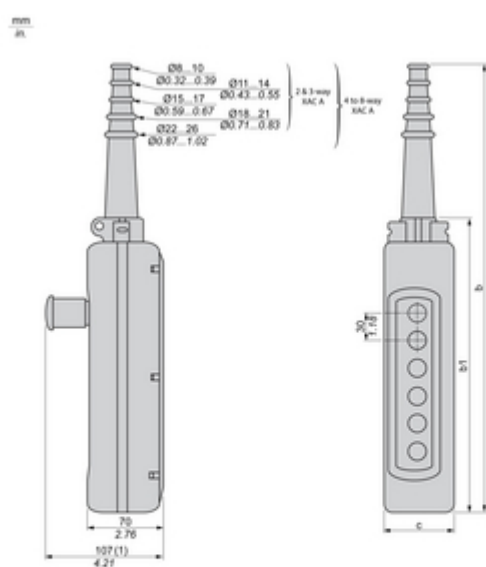
Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

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

Voltage	V	24	48	120
Inductive circuit	W	65	48	40

Technical Illustration

Dimensions



(f) With trigger action Emergency stop head operator

		Number of cut-outs					
		2	3	5	8	12	
b	mm	314	314	440	440	500	500
	inch.	12.36	12.36	17.32	17.32	19.68	26.77
b1	mm	190	190	250	250	315	370
	inch.	7.48	7.48	9.84	9.84	12.4	14.57
c	mm	80	80	80	80	80	82
	inch.	3.15	3.15	3.15	3.15	3.15	3.62

Technical Illustration

Wiring diagram

Control of Single-Speed Reversing Motor With ZBE2BE101 + ZB2BE102

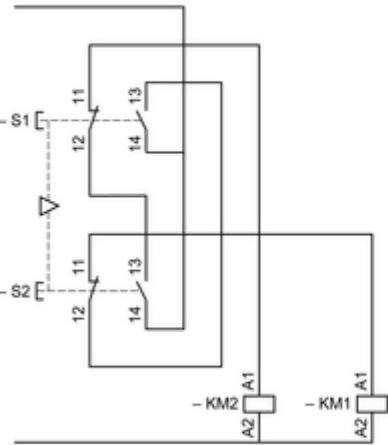


Image of product / Alternate images

Alternative



