

# Product data sheet

Specifications



## Pendant control station, Harmony XAC, plastic, yellow, 2 push buttons with 2NO+1NC

XACA291

### 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 2-speed hoist motor
Control Station Composition	2 push-buttons
Control Button Type	First push-button 1 NC + 2 NO raise, slow-fast Second push-button 1 NC + 2 NO lower, slow-fast
Product Compatibility	XENG1191 for each direction
Mechanical Interlocking	With mechanical interlocking
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	UL 508 CSA C22.2 No 14 EN/IEC 60204-32 EN/IEC 60947-5-1
Product Certifications	GOST CCC
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
Shock Resistance	100 gn conforming to IEC 60068-2-27
Overvoltage Category	Class II conforming to IEC 61140
Ip Degree Of Protection	IP65 conforming to IEC 60529
Ik Degree Of Protection	IK08 conforming to EN 50102
Mechanical Durability	1000000 cycles
Cable Entry	Rubber sleeve with stepped entry 8...26 mm

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

Contact Code Designation	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
[Ithe] Conventional Enclosed Thermal Current	10 A
[Ui] Rated Insulation Voltage	600 V (pollution degree 3)
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC 60947-1
Contact Operation	Slow-break Staggered
Maximum Resistance Across Terminals	25 MOhm
Operating Force	18 N push-button
Short-Circuit Protection	10 A fuse protection by cartridge fuse type gG
Rated Operational Power In W	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
Terminals Description Iso N°1	(33-34)NO_CL (21-22)NC (13-14)NO
Terminal Identifier	(11-12)NC (13-14)NO
Net Weight	0.525 kg

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.400 cm
Package 1 Width	9.000 cm
Package 1 Length	34.600 cm
Package 1 Weight	558.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.792 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

✓	Reach Free Of Svhc	
✓	Toxic Heavy Metal Free	
✓	Mercury Free	
✓	Rohs Exemption Information	Yes

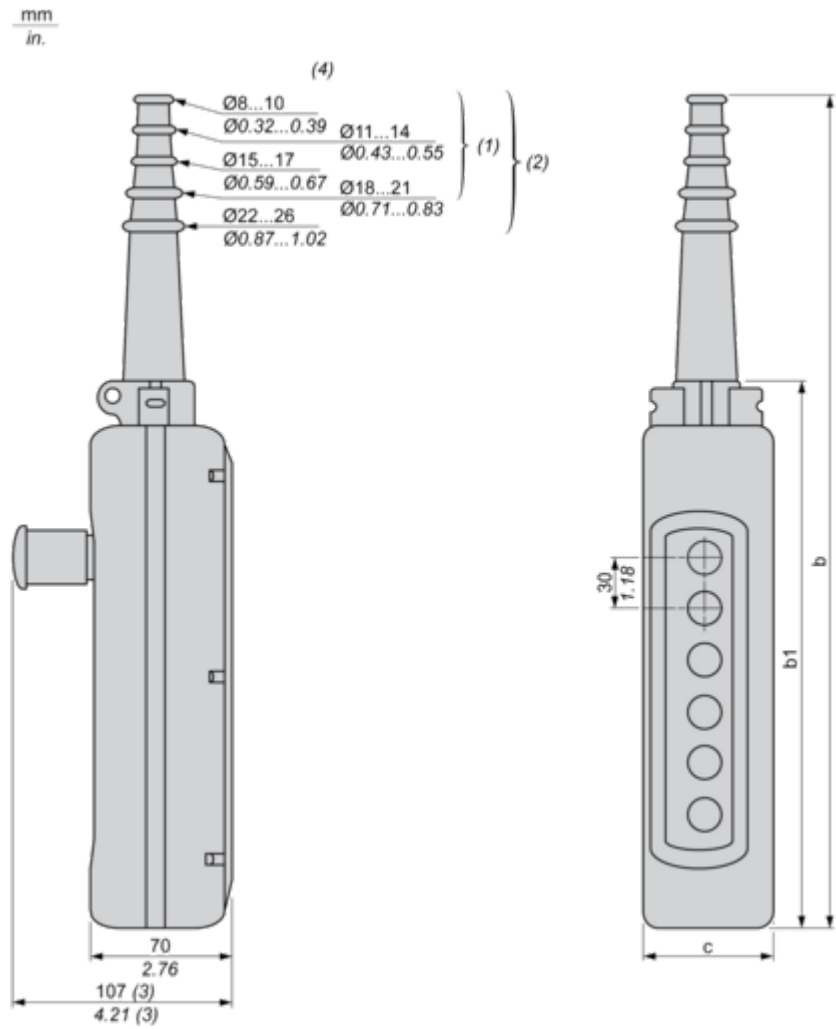
## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

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.

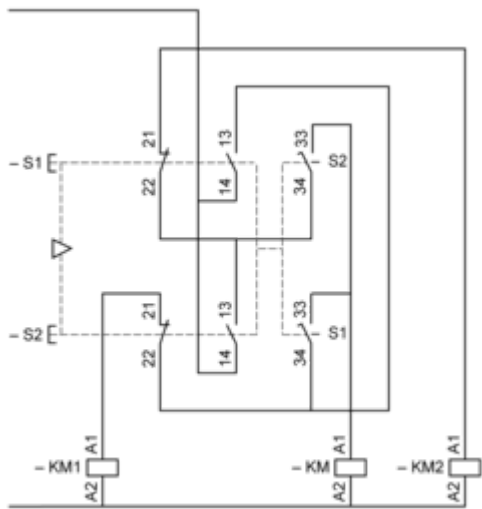
Number of cut-outs	2	3	4	5	6	8	12
b	12.36	12.36	17.32	17.32	19.68	22.05	26.77
b1	7.48	7.48	9.84	9.84	12.20	14.57	19.29

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 2-Speed Reversing Motor

With two XENG1191 contact blocks, to be ordered separately



**KM** High speed contactor

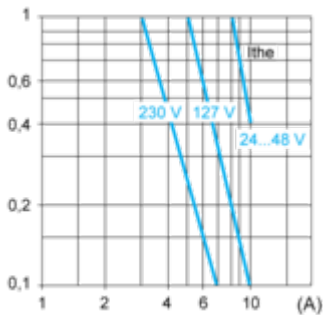
Performance Curves

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



$I_{the}$  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