

Product data sheet

Specifications



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

XACA291

Product availability: Non-Stock - Not 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 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 ² without cable end Screw clamp terminals, 1 x 0.5...2 x 1.5 mm ² with cable end
Standards	UL 508 CSA C22.2 No 14 IEC 60204-32 IEC 60947-5-1
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
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)

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

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 Staggered
Maximum resistance across terminals	25 MOhm
Operating force	18 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	(33-34)NO_CL (21-22)NC (13-14)NO
Terminal identifier	(11-12)NC (13-14)NO
Product Weight	1.157 lb(US) (0.525 kg)

Ordering and shipping details

Category	US10CS222473
Discount Schedule	0CS2
GTIN	3389110367201
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.307 in (8.400 cm)
Package 1 Width	3.543 in (9.000 cm)
Package 1 Length	13.622 in (34.600 cm)
Package weight(Lbs)	19.683 oz (558.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	8.360 lb(US) (3.792 kg)

Contractual warranty



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	3 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 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]	0.5 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
--------	----

Use Again



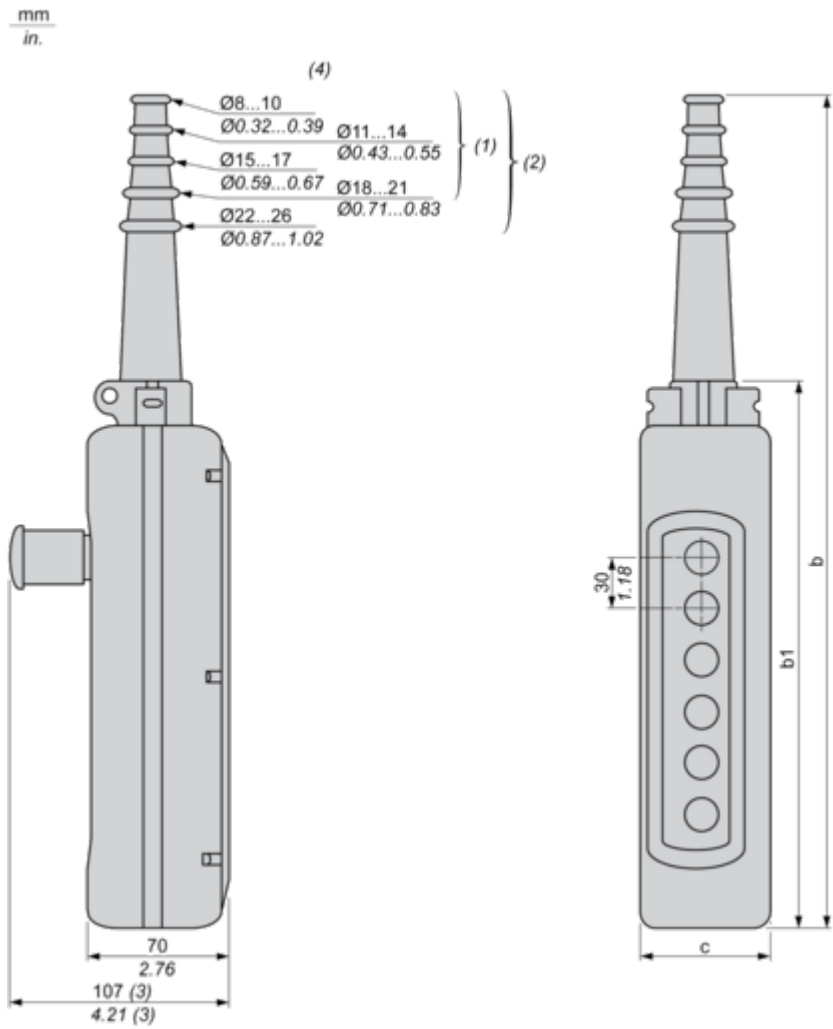
Repack and remanufacture

Recyclability potential, in %	32
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.

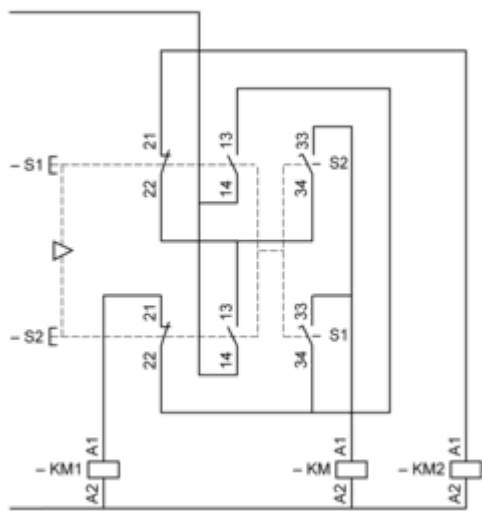
Dimensions in in.	Number of cut-outs	2	3	4	5	6	8	12
b		12.36	12.36	17.32	17.32	19.68	22.05	26.77
b1		7.48	7.48	9.84	9.84	12.20	14.57	19.29

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

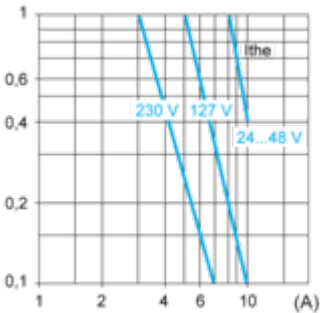
Performance Curves

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



Ithe Thermal current

(A) Current

DC Supply

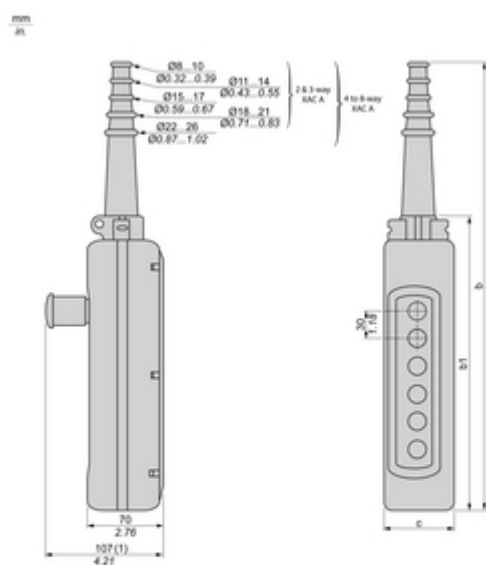
Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

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



(1) 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 2-Speed Reversing Motor With two XENG1191

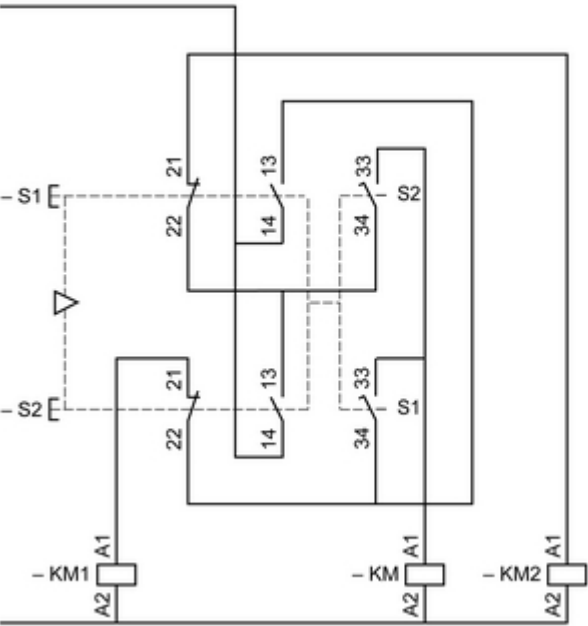


Image of product / Alternate images

Alternative





