

Product data sheet

Specifications



Control station, Harmony XALD, XALK, plastic, yellow, 1 red mushroom head push button 40mm, emergency stop turn to release, 1NO + 1 NC, unmarked

XALK178E

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony XALK
Product or Component Type	Complete control station
Device short name	XALK
Product destination	For XB5 Ø 22 mm control and signalling units
Control station application	Emergency switching off function Emergency stop function
Colour of base of enclosure	Light grey RAL 7035)
Colour of cover	Yellow RAL 1021)
Material	Polycarbonate
Operator profile	1 mushroom head push-button
Operators description	Red unmarked 1 NO + 1 NC
Reset	Turn to release
Control station composition	1 mushroom head Ø 40 mm push-button, red 1 NO + 1 NC unmarked
Contact operation	Slow-break

Complementary

Cable entry	1 knock-out for cable entry 0...0.6 in (0...14 mm) 2 knock-outs for Pg 13 cable gland and ISO M20 0...0.5 in (0...12 mm)
Net Weight	0.428 lb(US) (0.194 kg)
Resistance to high pressure washer	1015.3 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.1 in (2.6 mm) NO changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	44 N NC + NO changing electrical state
Mechanical durability	300000 cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm² without cable end IEC 60947-1
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
Shape of screw head	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 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

Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1
[Ith] conventional free air thermal current	10 A IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
[Ie] rated operational current	3 A 240 V, AC-15, A600 IEC 60947-5-1 6 A 120 V, AC-15, A600 IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 IEC 60947-5-1 1.2 A 600 V, AC-15, A600 IEC 60947-5-1
Electrical durability	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Electrical reliability	$\Lambda < 10\exp(-6)$ 5 V, 1 mA IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V, 5 mA IEC 60947-5-4

Environment

Protective treatment	TH
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP66 IEC 60529 IP67 IP69 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to IEC 62262
Standards	IEC 60947-5-4 CSA C22.2 No 14 UL 508 IEC 60947-5-5 ISO 13850 IEC 60947-5-1 JIS C 4520 IEC 60364-5-53 IEC 60947-1 IEC 60204-1
Vibration resistance	5 gn (f= 12...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn 18 ms) half sine wave acceleration IEC 60068-2-27 50 gn 11 ms) half sine wave acceleration IEC 60068-2-27

Ordering and shipping details

Category	US10CS222475
Discount Schedule	0CS2
GTIN	3389110113662
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.819 in (9.700 cm)
Package 1 Width	2.756 in (7.000 cm)
Package 1 Length	2.756 in (7.000 cm)
Package weight(Lbs)	5.996 oz (170.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	40
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	15.829 lb(US) (7.180 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	149.130 lb(US) (67.644 kg)

Contractual warranty

Warranty	18 months
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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	
Carbon footprint (kg CO2 eq, Total Life cycle)	1
Environmental Disclosure	Product Environmental Profile

Use Better

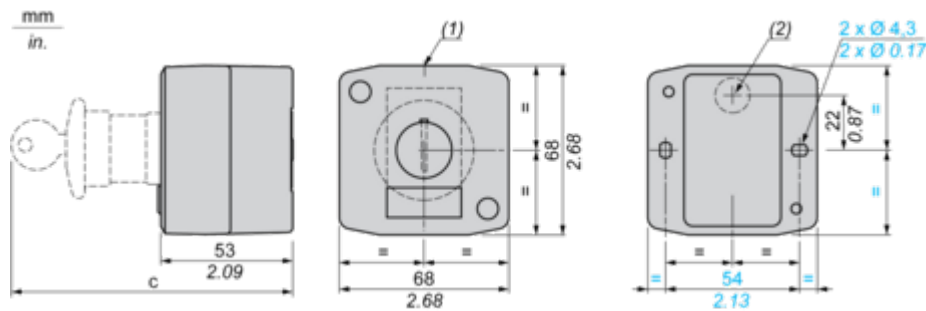
Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration

Use Again

Repack and remanufacture	
Circularity Profile	End of Life Information
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

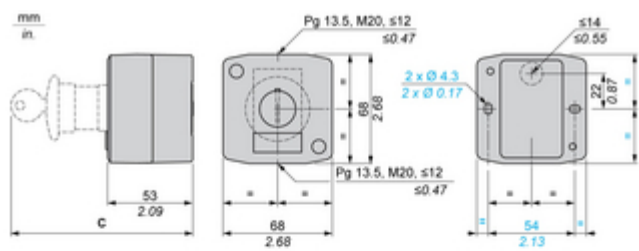


- (1) 2 knock-outs for Pg 13.5 cable gland, maximum capacity 12 mm/0.47 in.
(2) Knock-out for cable entry, maximum capacity 14 mm/0.55 in.

Control station fitted with:	c in mm	c in in.
Flush pushbutton	62	2.44
Pilot light	64	2.52
Illuminated pushbutton	65.5	2.58
Projecting pushbutton	66	2.60
Selector switch	80	3.15
Mushroom head pushbutton	91.5	3.58
Latching mushroom head Emergency stop pushbutton with key	115	4.53
Key switch	105.5	4.15

Technical Illustration

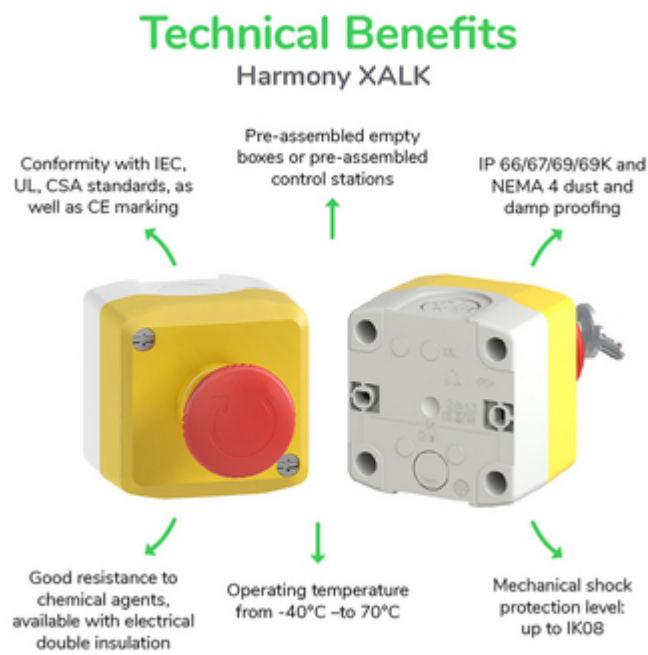
Dimensions



C		mm	in.
	ZB5AA●, ZB5AH0●	62	2.44
	ZB5AV●	64	2.52
	ZB5AW3●	65.5	2.58
	ZB5AL●, ZB5AW1●, ZB5AH●, ZB5AH●3	66	2.6
	ZB5AD●, ZB5AK●	80	3.15
	ZB5A56●, ZB5AT●, ZB5AC●, ZB5AR●, ZB5AW4●, ZB5AW6●, ZB5A54●, ZB5A55●, ZB5A56●	91.5	3.58
	ZB5A59●, ZB5AS1●, ZB5AS7●	115	4.53
	ZB5AG●	105.5	4.15

Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Features

Harmony XALK



Complete stations for emergency stop function with a single mushroom head non-illuminated or illuminated function from XB5 range



Possibility to add up to 3 NO or NC contact blocks per operating head



Complete, ready-to-install stations with 1 to 3 buttons for the most common functions



Polycarbonate pre-drilled control stations



Modular system and simple to cable universal range



Image of product / Alternate images

Alternative





