

# Product data sheet

Specifications



Harmony XALD, XALK, Control station, plastic, yellow, 1 red mushroom head push button Ø40, emergency stop turn to release, 1NO + 1 NC, unmarked

XALK178E

## 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 0.00...0.55 in (0...14 mm) 2 knock-outs for Pg 13 cable gland and ISO M20 0.00...0.47 in (0...12 mm)
Product Weight	0.43 lb(US) (0.194 kg)
Resistance to high pressure washer	1015.26 psi (7000000 Pa) 131 °F (55 °C) 0.1 m
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.10 in (2.6 mm) NO changing electrical state) 0.17 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 mm <sup>2</sup> with cable end EN/IEC 60947-1 Screw clamp terminals, >= 1 x 0.22 mm <sup>2</sup> without cable end EN/IEC 60947-1

<b>Tightening torque</b>	7.08...10.62 lbf.in (0.8...1.2 N.m) EN/IEC 60947-1
<b>Shape of screw head</b>	Cross Philips no 1 Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
<b>Contacts material</b>	Silver alloy (Ag/Ni)
<b>Short-circuit protection</b>	10 A cartridge fuse gG EN/IEC 60947-5-1
<b>[Ith] conventional free air thermal current</b>	10 A EN/IEC 60947-5-1
<b>[Ui] rated insulation voltage</b>	600 V 3)EN/IEC 60947-1
<b>[Uimp] rated impulse withstand voltage</b>	6 kV EN/IEC 60947-1
<b>[Ie] rated operational current</b>	3 A 240 V, AC-15, A600 EN/IEC 60947-5-1 6 A 120 V, AC-15, A600 EN/IEC 60947-5-1 0.1 A 600 V, DC-13, Q600 EN/IEC 60947-5-1 0.27 A 250 V, DC-13, Q600 EN/IEC 60947-5-1 0.55 A 125 V, DC-13, Q600 EN/IEC 60947-5-1 1.2 A 600 V, AC-15, A600 EN/IEC 60947-5-1
<b>Electrical durability</b>	1000000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, AC-15, 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles, DC-13, 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
<b>Electrical reliability</b>	$\Lambda < 10\exp(-6)$ 5 V, 1 mA EN/IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V, 5 mA EN/IEC 60947-5-4

## Environment

<b>Protective treatment</b>	TH
<b>Ambient Air Temperature for Storage</b>	-40...158 °F (-40...70 °C)
<b>Ambient Air Temperature for Operation</b>	-40...158 °F (-40...70 °C)
<b>Overvoltage category</b>	Class II IEC 60536
<b>IP degree of protection</b>	IP66 IEC 60529 IP67 IP69 IP69K
<b>NEMA degree of protection</b>	NEMA 13 NEMA 4X
<b>IK degree of protection</b>	IK03 EN 50102
<b>Standards</b>	EN/IEC 60947-5-4 CSA C22.2 No 14 UL 508 EN/IEC 60947-5-5 EN/ISO 13850 EN/IEC 60947-5-1 JIS C 4520 IEC 60364-5-53 EN/IEC 60947-1 EN/IEC 60204-1
<b>Vibration resistance</b>	5 gn 12...500 Hz)IEC 60068-2-6
<b>Shock resistance</b>	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

<b>Category</b>	22475-WALL STATIONS
<b>Discount Schedule</b>	CS2
<b>GTIN</b>	3389110113662
<b>Returnability</b>	No
<b>Country of origin</b>	CZ

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.82 in (9.700 cm)
Package 1 Width	2.76 in (7.000 cm)
Package 1 Length	2.76 in (7.000 cm)
Package 1 Weight	5.89 oz (167.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	40
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	15.83 lb(US) (7.180 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	320
Package 3 Height	30.31 in (77.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	23.62 in (60.000 cm)
Package 3 Weight	149.13 lb(US) (67.644 kg)

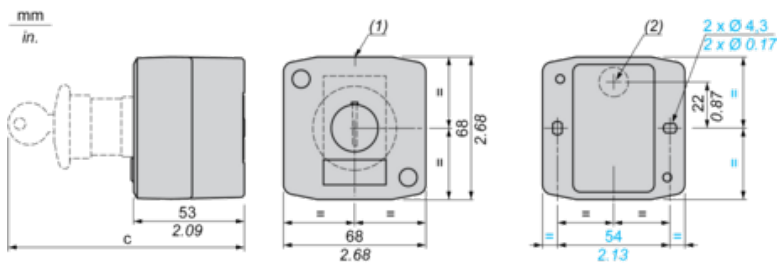
## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

## Contractual warranty

Warranty	18 months
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**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

**Recommended replacement(s)**