

Product data sheet

Specifications



Control station, Harmony XALK, plastic, yellow lid, 1 red mushroom 40mm, turn to release, 1NC with monitoring, unmarked, UL/CSA certified

XALK1786H7

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 NC
Reset	Turn to release
Control station composition	1 mushroom head Ø 40 mm push-button, red 1 NC unmarked
Contact operation	Slow-break
Device presentation	Complete product

Complementary

AC control voltage 50 HZ	120...600 V
Cable entry	1 knock-out for cable entry 0...0.6 in (0...14 mm) 2 knock-outs for Pg 13.5 cable gland and ISO M20
AC control voltage 60 HZ	120...600 V
Product Weight	0.324 lb(US) (0.147 kg)
DC control voltage	125...600 V
Number of command positions	1
Number of indicator lights	0
Contacts usage	Monitoring contact
Number of push buttons	0
Positive opening	With IEC 60947-5-1 appendix K
Operating travel	0.06 in (1.5 mm) NC changing electrical state) 0.2 in (4.3 mm) total travel)
Operating force	47 N

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

Number of selector switches	0
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 0.34 mm² without cable end IEC 60947-1
Number of key switches	0
Tightening torque	7.08...10.6 lbf.in (0.8...1.2 N.m) IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	6 A cartridge fuse gG IEC 60947-5-1
[Ith] conventional free air thermal current	6 A IEC 60947-5-1
Number of mushroom-shaped push-buttons	1
[Ui] rated insulation voltage	300 V 3)IEC 60947-1
[Uimp] rated impulse withstand voltage	4 kV IEC 60947-1
[Ie] rated operational current	1.5 A 240 V, AC-15, B300 IEC 60947-5-1 3 A 120 V, AC-15, B300 IEC 60947-5-1 0.11 A 250 V, DC-13, R300 IEC 60947-5-1 0.22 A 125 V, DC-13, R300 IEC 60947-5-1
Electrical durability	300000 cycles, AC-15, 2 A 230 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 300000 cycles, AC-15, 3 A 110 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 300000 cycles, AC-15, 3 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 300000 cycles, DC-13, 0.3 A 120 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C 300000 cycles, DC-13, 1 A 24 V 3600 cyc/h 0.5 IEC 60947-5-1 appendix C
Emergency Power Off (EPO)	No
Electrical reliability	$\Lambda < 10\exp(-6)$ 5 V, 1 mA IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V, 3.4 mA IEC 60947-5-4
Number of contacts as normally closed contact	1
Number of contacts as normally open contact	0
Number of contacts as change-over contact	0
Housing material	Plastic
Housing Colour	Yellow
colour of cover	Yellow

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 IEC 60529 IP69 IEC 60529 IP69K ISO 20653
IK degree of protection	IK03 conforming to IEC 60068-2-75

Standards	IEC 60947-1 IEC 60947-5-1 IEC 60947-5-5 IEC 60204-1 IEC 60947-5-4 IEC 60364-5-53 ISO 13850 UL 60947-5-1 CSA C22.2 No 60947-5-1 JIS C8201-1 JIS C8201-5-1 GB/T 14048.5 BS EN 60947-5-1 GOST IEC 60947-5-1
Product Certifications	CSA BV UL Listed LROS (Lloyds register of shipping) DNV CE CCC CB Scheme UKCA EAC
Vibration resistance	5 gn (f= 10...500 Hz) conforming to IEC 60068-2-6 25 mm peak to peak (f= 2...10 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 25 gn 6 ms) 1000 shocks on each axis IEC 60068-2-27
IP Degree of Protection	IP66/IP67/IP69/IP69K

Ordering and shipping details

Category	US10CS222475
Discount Schedule	0CS2
GTIN	3606482034990
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	2.835 in (7.200 cm)
Package 1 Length	3.937 in (10.000 cm)
Package weight(Lbs)	5.855 oz (166.000 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	15.582 lb(US) (7.068 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	1 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0.1 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 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

Use Longer



Lifetime extension

Repair	No
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Use Again

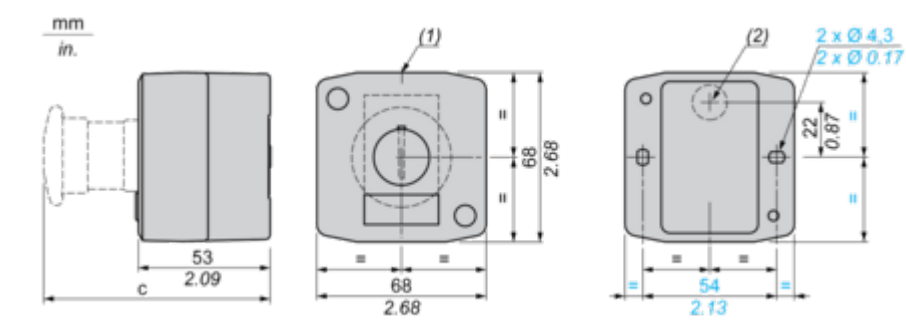


Repack and remanufacture

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



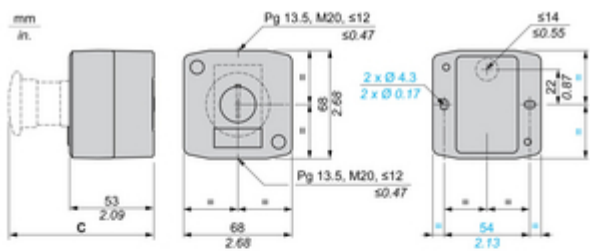
(1) 2 knock-outs for Pg 13.5 cable gland, maximum capacity 12 mm/0.47 in.

(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
 ZB5AS8●, ZB5AT●, ZB5AC●, ZB5AR●, ZB5AW4●, ZB5AW6●, ZB5AS4●, ZB5AS5●, ZB5AS6●	91.5	3.58
 ZB5AS9●, ZB5AS1●, ZB5AS7●	115	4.53
 ZB5AG●	105.5	4.15

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



Offer Marketing Illustration

Product benefits / Features

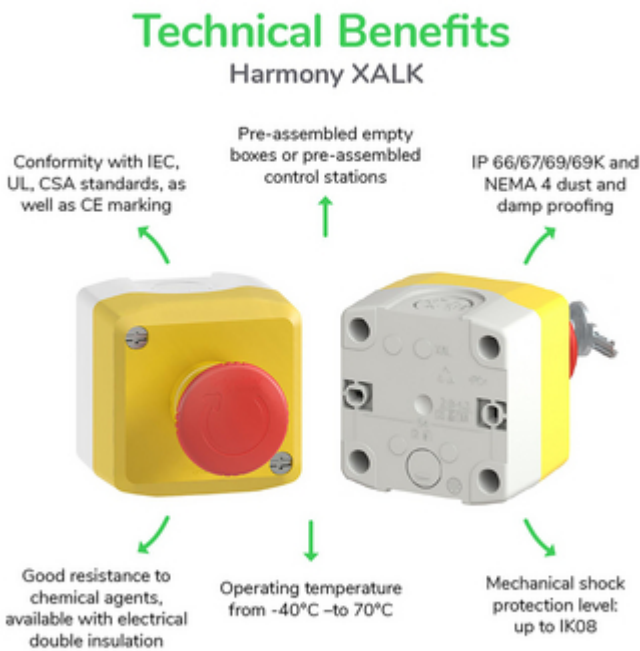


Image of product / Alternate images

Alternative



