Product data sheet
Characteristics

XALK178F
Control station, plastic, yellow lid, 1 red mushroom push button Ø40, turn to release, 2 NC

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



Discontinued

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 2 NC
Reset	Turn to release
Control station composition	1 mushroom head Ø 40 mm push-button, red 2 NC unmarked marking
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)
Net 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) 0.17 in (4.3 mm) total travel)
Operating force	44 N
Mechanical durability	300000 cycles
Connections - terminals	Screw clamp terminals, <= 2 x 1.5 mm² with cable end EN/IEC 60947-1

* 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

	Screw clamp terminals, >= 1 x 0.22 mm² without cable end EN/IEC 60947-1
Tightening torque	7.08…10.62 lbf.in (0.8…1.2 N.m) EN/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
Contacts material	Silver alloy (Ag/Ni)
Short-circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3)EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1
[Ie] rated operational current	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
Electrical durability	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
Electrical reliability	Λ < 10exp(-6) 5 V, 1 mA EN/IEC 60947-5-4 Λ < 10exp(-8) 17 V, 5 mA EN/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 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 EN 50102
Standards	EN/IEC 60204-1 JIS C 4520 EN/IEC 60947-5-1 IEC 60364-5-53 EN/ISO 13850 CSA C22.2 No 14 UL 508 EN/IEC 60947-5-5 EN/IEC 60947-5-4 EN/IEC 60947-1
Vibration resistance	5 gn 12…500 Hz)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	22475 - WALL STATIONS
Discount Schedule	CS2
GTIN	00785901680727
Nbr. of units in pkg.	1
Package weight(Lbs)	5 lb(US) (2.27 kg)
Returnability	No
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.82 in (9.7 cm)
Package 1 width	2.76 in (7 cm)
Package 1 Length	2.76 in (7 cm)
Package 2 Weight	15.88 lb(US) (7.202 kg)
Package 3 Weight	149.84 lb(US) (67.964 kg)

Offer Sustainability

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

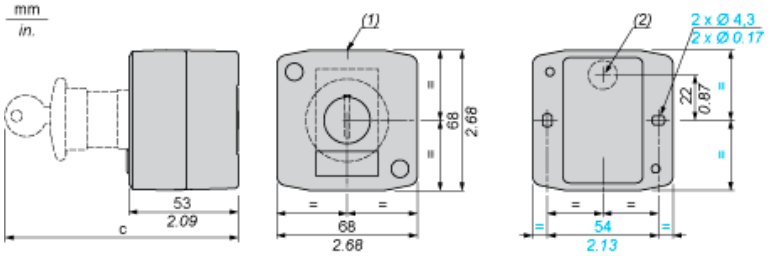
Contractual warranty

Warranty	18 months

Product data sheet
Dimensions Drawings

XALK178F

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 wit h key	115	4.53
Key switch	105.5	4.15

XALK178F is replaced by the following group of products:



Control stations XALK178

Control station, plastic, yellow lid, 1 red mushroom push button Ø40, turn to release, 1 NC

Qty 1



Electrical functions ZENL1121

Harmony, 22mm Push Button, contact block, panel mount, 1 NC, screw clamp terminal

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2017

Life Is On Schneider Electric