Product data sheet
Characteristics

XALK178F
yellow station - 1 red mushroom head pushbutton Ø40 turn to release 2NC



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 stop function Emergency switching off 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
Contact operation	Slow-break

Complementary

Cable entry	1 knock-out for cable entry 0...14 mm 2 knock-outs for Pg 13 cable gland and ISO M20 0...12 mm
Product weight	0.194 kg
Resistance to high pressure washer	7000000 Pa at 55 °C, 0.1 m
Positive opening	With conforming to EN/IEC 60947-5-1 appendix K
Operating travel	1.5 mm NC changing electrical state 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 conforming to EN/IEC 60947-1 Screw clamp terminals >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m conforming to EN/IEC 60947-1
Shape of screw head	Cross Philips no 1

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

	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 conforming to EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A conforming to EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V, degree of pollution: 3 conforming to EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1
[Ie] rated operational current	3 A at 240 V AC-15, A600 conforming to EN/IEC 60947-5-1 6 A at 120 V AC-15, A600 conforming to EN/IEC 60947-5-1 0.1 A at 600 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.27 A at 250 V DC-13, Q600 conforming to EN/IEC 60947-5-1 0.55 A at 125 V DC-13, Q600 conforming to EN/IEC 60947-5-1 1.2 A at 600 V AC-15, A600 conforming to EN/IEC 60947-5-1
Electrical durability	1000000 cycles AC-15 at 2 A 230 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 3 A 120 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 at 4 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 at 0.2 A 110 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 at 0.5 A 24 V at 3600 cyc/h, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Electrical reliability	Λ < 10exp(-8) at 17 V and 5 mA conforming to EN/IEC 60947-5-4 Λ < 10exp(-6) at 5 V and 1 mA conforming to EN/IEC 60947-5-4
Compatibility code	XALK

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...70 °C
Overvoltage category	Class II conforming to IEC 60536
IP degree of protection	IP69 IP67 IP66 conforming to IEC 60529 IP69K
NEMA degree of protection	NEMA 13 NEMA 4X
IK degree of protection	IK03 conforming to EN 50102
Standards	EN/IEC 60204-1 EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN/ISO 13850 IEC 60364-5-53 JIS C 4520 UL 508 CSA C22.2 No 14
Product certifications	CSA UL listed
Vibration resistance	5 gn (f = 12...500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0807 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold

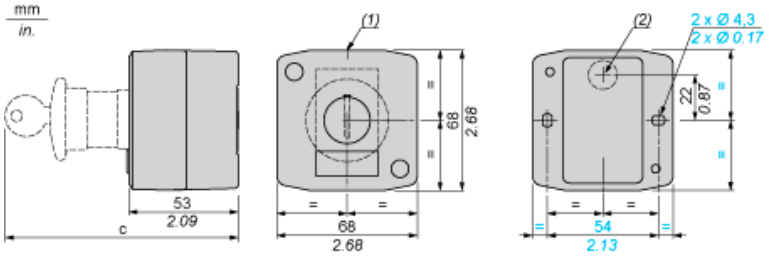
	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months

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